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Do not assume content reflects current scientific knowledge, policies, or practices.

MICHELL'S BULBS

INGLES COMBE
YELLOW

WHITE QUEEN

PITT

CLARA BUTT

GRETCHEN

MICHELL'S SUPERB DARWIN TULIPS

	002	100	1,000
INGLES COMBE YELLOW	\$.65	\$4.50	\$37.50
WHITE QUEEN	.60	3.50	30.00
WILLIAM PITT	.65	4.50	35.00
CLARA BUTT	.50	2.75	22.50
DREAM	.60	4.00	30.00
GRETCHEN	.40	2.50	22.50

DREAM

HENRY F. MICHELL Co.
518 MARKET ST.
PHILA.

Business Terms

We Especially Invite Charge Accounts. A charge account is more convenient than to remit for each order at the time it is sent us; you pay no more for your goods by reason of this accommodation. As to our responsibility we refer you to **Dun's or Bradstreet's Mercantile Agency.**

When sending your first charge order, refer, preferably, to someone with whom you have a charge account. This saves many a delay. When sending us your first order accompanied by remittance, we prefer bank cashier's check or money order, unless cash is sent; this frequently saves delays.

Goods can be sent C. O. D., with the exception of perishable items, which include plants and cold-storage bulbs. These cannot be sent C. O. D. unless a partial remittance accompanies the order.

Shipping Instructions

Always state clearly by what method you want goods forwarded, otherwise we will ship according to our best judgment.



All customers and others interested in horticulture or agriculture are cordially invited to visit our plant establishment at Andalusia Station (N. Y. Division of P. R. R.) about 16 miles from Philadelphia. In the

Invitation

spring, summer and autumn we invariably have interesting displays of hardy flowers, etc. This invitation applies to our city establishment as well, at 518 Market Street, Philadelphia.

Delivery Service

To points where baggage-master or package service is in operation, we ship all orders which can be packed in one parcel or piece, not exceeding 50 pounds in weight, free of transportation charges at prices quoted in this catalog. Fertilizers in more than 25-lb. lots, or bulky packages, are not accepted by baggage-master service. Our automobile delivery also covers many sections of Philadelphia.

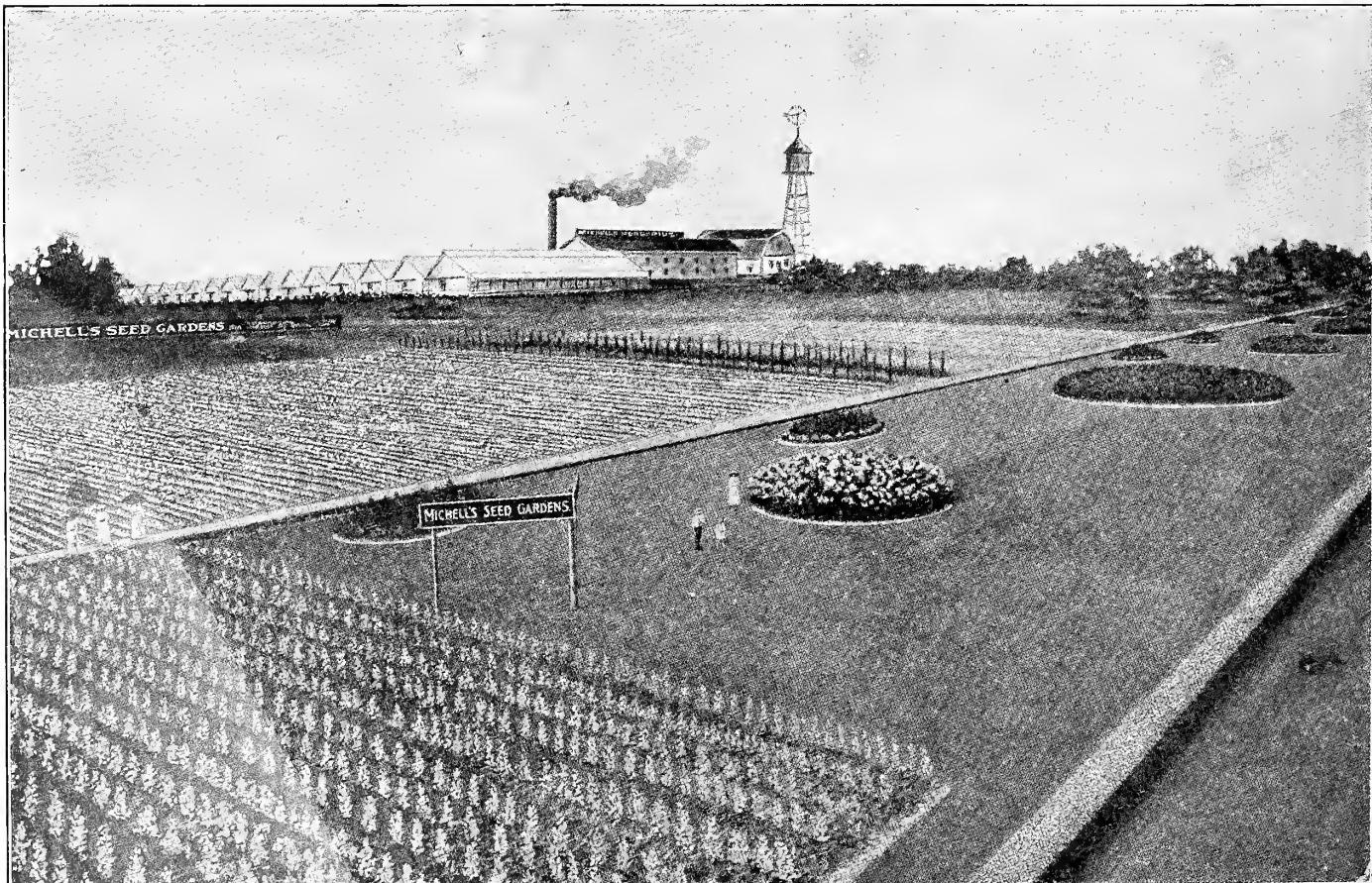
Shipping Facilities of Philadelphia

Express—Wells-Fargo, Adams, American.

Freight—Baltimore & Ohio, Reading, Lehigh Valley, and Pennsylvania.

Boat—Clyde Line, Merchants' & Miners' Steamship Company.

The above transportation companies, with their connecting lines, enable us to ship quickly and economically all over the world.

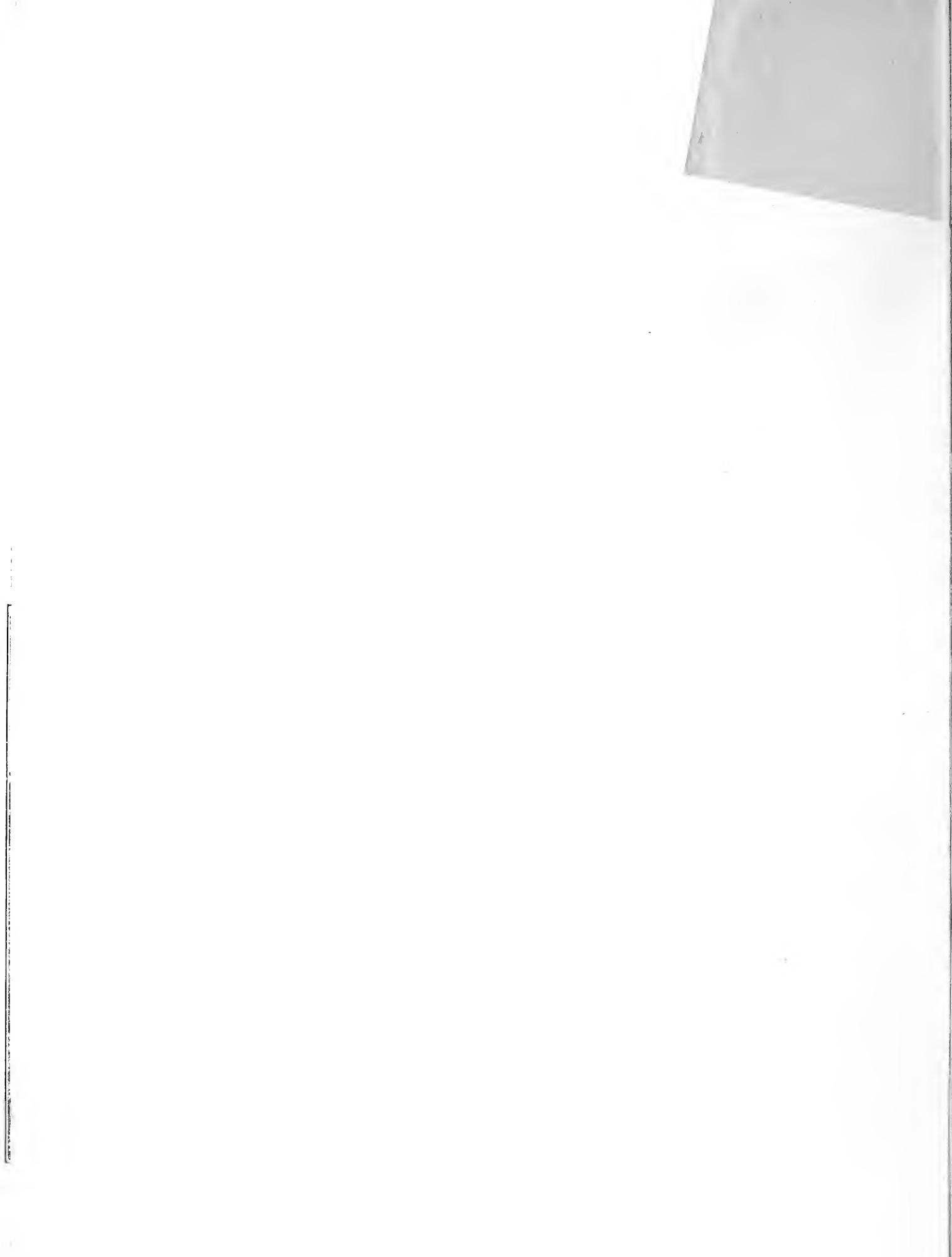


A Partial View of Michell's Nurseries, Andalusia, Pa.

SPECIAL NOTICE

ON account of unusual prevailing conditions, all prices in this catalogue are subject to change without notice.

HENRY F. MICHELL CO.
518 Market Street Philadelphia



INDEX TO CONTENTS OF MICHELL'S 1917 BULB CATALOG

Brief Cultural Directions on a few of the Most Important Bulbs

HYACINTHS

Directions for Planting in the Open Ground.—This should be done in October and November, but they can be set out at any time, as long as the ground is open and the bulbs remain sound. The best compost for their culture is the following: One-third sand, one-third well rotted cow manure and one-third good garden mould. Special care should be taken not to add any bone fertilizers, as they usually draw vermin. The beds composed of the above compost should be well dug to a depth of fourteen inches, and raised from two to four inches above the level of the walks. Care must be taken not to press the earth too firmly around and over the bulbs. After planting, rake the bed smooth, and after the ground has frozen tolerably hard in early winter cover with dry litter, leaves or coarse manure.

For Culture in Pots.—Prepare the above compost, adding, if possible, a quantity of leaf mould. The most favorable time for planting is September, October and November. The size of the pot depends on the number of bulbs planted in a single one; three bulbs in a pot of, say, six inches diameter make a rich, massive effect; one or two bulbs in each may be planted in proportionately smaller pots—two bulbs in each are very effective. When planted, water them well, then bury the pots in the open ground to the depth of six inches for eight weeks, in which condition the preparatory root growth necessary to a vigorous development of their flower spikes is made. After this period remove the pots to a cool room. Being exposed to the light for the first time care should be exercised not to place them in the direct rays of the sun for two or three days.

For Growing in Glasses.—Single varieties are the best for this purpose. Place the bulb in the glass, which should be filled with water so it touches the bottom of the bulb, place them in a cool place, in the dark, changing the water every ten days or two weeks; keep them in the dark for six to eight weeks, then remove them to the light. If then kept in a cool room they will produce very fine spikes. A small lump of charcoal prevents the water from getting foul.

MINIATURE HYACINTHS

Although this type of Hyacinths is largely grown in pans or pots for decorative purposes, their splendid qualities as bedding bulbs should not be overlooked.

Distances for Planting apart some of the most important Bulbs outdoors

Aconite.	3 to 4 inches.
Anemone.	8 to 10 inches.
Chionodoxa.	4 to 5 inches.
Crown Imperials.	1 foot to 15 inches.
Crocus.	2 to 3 inches.
Colchicum.	6 to 8 inches.
Daffodils.	5 to 6 inches.
Dielythra.	3 to 4 feet.
Hyacinths.	Bedding sorts, 5 to 6 inches.
Hyacinths (Grape).	3 to 4 inches.
Iris, Japanese.	2 to 3 feet.
Iris, Spanish.	4 to 5 inches.
Iris, English.	6 to 8 inches.
Ixias.	3 to 4 inches.
Jonquils.	3 to 4 inches.
Lilium Candidum.	1 to 2 feet.
Lilium Japan Varieties.	1 to 2 feet.
Lily of the Valley (Clumps).	1 to 2 feet.
Paeonies.	2 to 3 feet.
Ranunculus.	4 to 5 inches.
Snowdrops.	3 to 4 inches.
Scilla.	3 to 4 inches.
Sparaxis.	3 to 4 inches.
Spirea.	1 to 2 feet.
Star of Bethlehem.	5 to 6 inches.
Tulips.	4 to 6 inches.

Number of Bulbs required for Planting Circular Beds at distances noted below

Oval beds require very much the same number, although we will be glad to give the exact information whenever desired, also for other sized or shaped beds.

DISTANCES FOR PLANTING APART

DIAMETER OF BED	3 inches apart	4 inches apart	6 inches apart	8 inches apart	10 inches apart	12 inches apart
2 feet	61	37	19	....	....	....
3 "	127	95	37	....	....	....
4 "	217	127	61	37	24	19
5 "	331	225	91	69	37	25
6 "	469	271	127	78	52	37
7 "	631	410	169	96	71	48
8 "	817	469	217	127	85	61
9 "	1027	650	271	156	110	74
10 "	1261	721	331	190	127	91
11 "	1519	940	397	240	150	110
12 "	1801	1027	469	271	169	127
13 "	2107	1280	543	318	200	150
14 "	2437	1387	631	360	240	169
15 "	2791	1670	721	420	271	200
16 "	3169	1801	817	469	318	217
17 "	3571	2140	919	543	360	240
18 "	4037	2269	1027	590	390	271
19 "	4187	2640	1141	631	420	318
20 "	4961	2791	1261	721	469	331
21 "	5459	3210	1387	785	540	360
22 "	6981	3367	1519	817	590	397
23 "	7527	3870	1659	945	625	420
24 "	8097	4037	1801	1027	670	469
25 "	8691	4325	1951	1165	721	590

Miniature Hyacinths (Continued)

If planted close together, say 4 to 6 inches apart, they produce a wonderful effect. Massed with other bulbs, as Crocus, Snow-drops, Tulips, etc., they are unsurpassed for their brilliancy. We are convinced that a trial of Miniature Hyacinths as bedding bulbs will give the greatest satisfaction.

TULIPS

For Bedding Out.—The bed should be formed of a compost similar to that recommended for Hyacinths; the bulbs should be planted about four inches apart and about five inches deep (close planting makes a much finer effect and prevents the flowers breaking off when swaying in the wind); they should then be covered with a litter shortly before the severe freezing weather sets in, and left in this condition until spring approaches.

For Pot or Pan Culture.—Plant about four bulbs in a six-inch pot or five bulbs in a six-inch pan, water thoroughly and then remove to the open ground or in a cold frame, covering with coal ashes; after they have rooted thoroughly they should be brought into a moderately cool room and gradually warmer; by bringing in a fresh supply from the outside every ten days, they can be had in bloom continually.

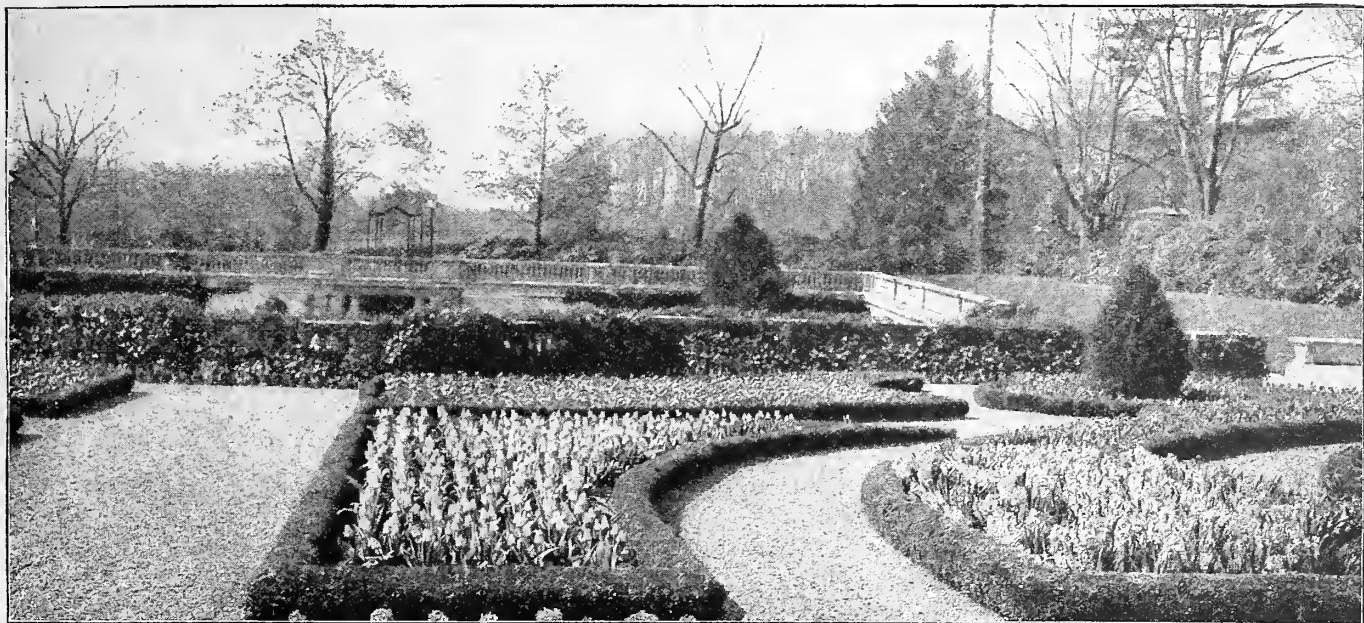
NARCISSUS

The double and single trumpet varieties should be planted in soil, and treated similar to Hyacinths. Chinese lilies and Paper White Narcissus, and the Polyanthus type, such as Grand Soleil d'Or, etc., etc., succeed very well if planted in water and pebbles. A small lump of charcoal prevents the water from getting foul, although changes of water are advisable.

CROCUS

A real show can be obtained from these tiny bulbs. They will bloom in a few weeks from time of planting inside. Place a few bulbs, or as many as the size of crock will warrant. In a short space of time the bulb will make a grand display. Planted out in the open ground, they bloom among the first of the spring flowers.

MICHELL'S SUPERB (First Size) NAMED HYACINTHS 3



A Spring flower-effect in the Italian gardens of the late Mr. P. A. B. Widener, "Lynnewood Hall," Ogontz, Pa., planted with Michell's Bulbs

Our First Size Hyacinths are of the highest quality obtainable. They are sound, plump, heavy and sure to give satisfaction. To assist customers in selecting varieties, that will bloom at the same time, we have affixed the letters *E*, *M*, and *L*; signifying *E* for early sorts, *M* for mid-season sorts, and *L* for late sorts.

SINGLE RED

	Each	Doz.	100
<i>M Amy.</i> Rich, brilliant red.....	\$0.10	\$1.00	\$6.50
<i>E Duchess of Albany.</i> Bright crimson.....	.10	1.00	6.50
<i>M Robert Steiger.</i> Crimson, good spike...	.10	1.00	6.50
<i>L Roi des Belges.</i> Bright scarlet.....	.10	1.00	6.50

SINGLE PINK

	Each	Doz.	100
<i>E Baron von Thuyt.</i> Light rose.....	.10	1.00	6.50
<i>L Cardinal Wiseman.</i> Rosy pink, large...	.10	1.00	6.50
<i>M Gertrude.</i> Fine, deep pink.....	.10	1.00	6.50
<i>M Gigantea.</i> Light, good truss.....	.10	1.00	6.50
<i>M Koh-i-Noor.</i> Semi-double; salmon pink	.10	1.00	6.50
<i>M Lady Derby.</i> Delicate pink.....	.12	1.25	7.00
<i>M Maria Cornelia.</i> Rose, very early.....	.10	1.00	6.50
<i>M Moreno.</i> Extra fine, deep pink.....	.10	1.00	6.50
<i>M Jacques.</i> Pale pink.....	.12	1.25	7.00
<i>E Queen of Pinks.</i> Rich pink, large spike	.25	2.75	20.00
<i>E Rosea Maxima.</i> Fine, salmon pink.....	.10	1.00	6.50

SINGLE WHITE

	Each	Doz.	100
<i>E Alba Superbissima.</i> Pure white.....	.10	1.00	6.50
<i>E Angenis Christina.</i> Pure white, very fine	.12	1.25	7.00
<i>E British Queen.</i> Pure white, early.....	.12	1.25	7.00
<i>M Grandeur à Merveille.</i> Blush white....	.10	1.00	6.50
<i>M La Grandesse.</i> Pure white.....	.12	1.25	7.00
<i>M L'Innocence.</i> Pure; extra fine.....	.12	1.25	7.00
<i>M Mad. Van der Hoop.</i> Pure white.....	.10	1.00	6.50
<i>M Mont Blanc.</i> Pure, early, large spike..	.12	1.25	7.00
<i>M Queen of the Netherlands.</i> Extra fine..	.10	1.00	6.50

SINGLE BLUE

	Each	Doz.	100
<i>M Captain Boyton.</i> Bright lavender.....	.10	1.00	6.50
<i>M Enchantress.</i> Porcelain blue .....	.12	1.25	7.00
<i>M Schotel.</i> Pale blue.....	.12	1.25	7.00
<i>M Chas. Dickens.</i> Porcelain .....	.12	1.25	7.00
<i>M Czar Peter.</i> Porcelain, large spikes...	.12	1.25	7.00
<i>M Grand Maitre.</i> Bright, very fine.....	.10	1.00	6.50
<i>M Ivanhoe.</i> Deep purple.....	.10	1.00	6.50
<i>L King of the Blues.</i> Bright blue.....	.10	1.00	6.50
<i>M Lord Derby.</i> Silvery porcelain.....	.10	1.00	6.50
<i>E Potgieter.</i> Light blue, large bells.....	.12	1.25	7.00
<i>L Queen of the Blues.</i> Porcelain.....	.12	1.25	7.00

SINGLE YELLOW

	Each	Doz.	100
<i>M Ball of Gold.</i> Golden yellow, large compact .....	.12	1.25	7.00
<i>M Yellow Hammer.</i> Golden yellow broad truss .....	.12	1.25	7.00
<i>L King of the Yellows.</i> Bright.....	.12	1.25	7.00
<i>M La Citroniere.</i> Lemon .....	.10	1.00	6.50

Single bulbs mailed free. Parcel Post Weight per doz., 3 lbs.

DOUBLE VARIETIES

FIRST SIZE NAMED

The Double Hyacinths, while grown by many, do not produce as large a spike as the single sorts. They should not be used for glass culture, as they will not turn out as well as the single varieties. For pot or out-door culture they are very satisfactory.

DOUBLE BLUE

	Each	Doz.	100
<i>Blocksberg.</i> Porcelain, large bells and spike .....	.10	\$1.00	\$6.50
<i>Garrick.</i> Deep, very good.....	.10	1.00	6.50
<i>Delicata.</i> Pale blue.....	.10	1.00	6.50
<i>Genl. Kohler.</i> Bright, porcelain blue....	.10	1.00	6.50

DOUBLE RED AND PINK

	Each	Doz.	100
<i>Bouquet Royal.</i> Salmon pink, red centre .....	.10	1.00	6.50
<i>Bouquet Tendre.</i> Dark red, large spike..	.10	1.00	6.50
<i>Czar Nicholas.</i> Pink, large truss.....	.10	1.00	6.50
<i>Grootvorst.</i> Rose blush pink.....	.10	1.00	6.50
<i>Lord Wellington.</i> Pink, large truss, the finest .....	.10	1.00	6.50
<i>Pres. Roosevelt.</i> Deep rose pink.....	.10	1.00	6.50

DOUBLE WHITE

	Each	Doz.	100
<i>Flevo.</i> Pure, fine truss.....	.10	1.00	6.50
<i>La Tour d'Auvergne.</i> Pure, perfect spike, early .....	.10	1.00	6.50
<i>La Virginite.</i> Cream white.....	.10	1.00	6.50
<i>Prince of Waterloo.</i> Pure white, extra large .....	.10	1.00	6.50

DOUBLE YELLOW

	Each	Doz.	100
<i>Bouquet d'Orange.</i> Orange salmon.....	.10	1.00	6.50
<i>Goethe.</i> Rich light yellow.....	.10	1.00	6.50
<i>Minerva.</i> Very fine truss, orange yellow .....	.10	1.00	6.50
<i>Sunflower.</i> Yellow, tinted salmon.....	.10	1.00	6.50

Single bulbs mailed free. Parcel Post Weight per doz., 3 lbs.

NAMED EXHIBITION HYACINTHS

Every year we have our most reliable grower make us a selection of the largest possible Hyacinth Bulbs to be obtained. He usually scours the entire bulb-growing district of Holland to find them. In past years they've been so sought after that we rarely have enough to meet demands; so order early. We offer them in single varieties only, our selection. Price, 20c. each; doz., \$1.75; \$12.50 per 100.

MICHELL'S NAMED HYACINTHS

FOR FORCING AND
HIGH CLASS BEDDING

SECOND SIZE NAMED VARIETIES

For bedding, the second size named Hyacinths, are ideal, on account of their flowering at one time, being all one height and uniform in appearance. They are also suitable for forcing in pots or pans.

SPECIAL OFFER—Our Selection of Named Varieties with your choice of color, \$4.75 per 100; per 1000, \$42.50. Be sure to refer to this special offer when ordering.

Note—To assist customers in selecting varieties that will bloom together, we have affixed the letters E, M, L, signifying E for early, M for mid-season, L for late.

SINGLE RED HYACINTHS

	Each	Doz.	100	1000
L Koh-i-Noor. (Semi-double).	Bright.	.07	\$0.70	\$5.00
M Queen of Hyacinths.	Scarlet.....	.07	.70	5.00
M Rob't Steiger.	Crimson, compact truss	.07	.70	5.00
L Roi des Belges.	Bright scarlet.....	.07	.70	5.00

SINGLE WHITE HYACINTHS

E Alba Superbissima.	Pure white.....	.07	.70	5.00	45.00
E British Queen.	Pure white.....	.08	.80	5.50	50.00
M Grandeur à Merveille.	Blush white.	.07	.70	5.00	45.00
M La Grandesse.	Pure white.....	.08	.80	5.50	50.00
M L'Innocence.	Pure .....	.08	.80	5.50	50.00
M Mad. Van der Hoop.	Pure .....	.07	.70	5.00	45.00
M Mont Blanc.	Fine, pure white.....	.08	.80	5.50	50.00
M Queen of the Netherlands.	Pure....	.07	.70	5.00	45.00

SINGLE YELLOW HYACINTHS

M Herman.	Orange .....	.07	.70	5.00	45.00
M Ida.	Bright yellow.....	.07	.70	5.00	45.00
M City of Haarlem.	Golden yellow....	.08	.80	5.50	50.00

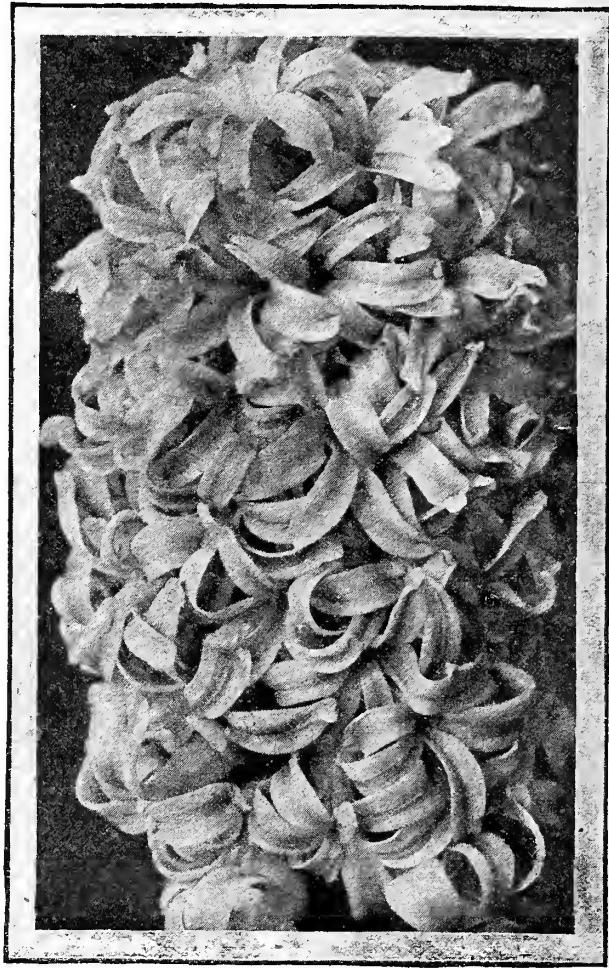
SINGLE BLUE HYACINTHS

E Baron von Thuyt.	Deep blue.....	.07	.70	5.00	45.00
M Blue Mourant.	Deep blue.....	.07	.70	5.00	45.00
M Captain Boyton.	Bright lavender...	.07	.70	5.00	45.00
L Chas. Dickens.	Porcelain.....	.07	.70	5.00	45.00
M Czar Peter.	Porcelain.....	.08	.80	5.50	50.00
M Enchantress.	Porcelain blue.....	.08	.80	5.50	50.00
M Grand Maitre.	Bright .....	.07	.70	5.00	45.00
M Ivanhoe.	Deep purple.....	.08	.80	5.50	50.00
L King of the Blues.	Bright.....	.07	.70	5.00	45.00
E Leonidas.	Light .....	.07	.70	5.00	45.00
E Queen of the Blues.	Bright blue.....	.07	.70	5.00	45.00
M Schotel.	Pale blue.....	.07	.70	5.00	45.00

SINGLE PINK HYACINTHS

E Baron von Thuyt.	Light rose.....	.07	.70	5.00	45.00
E Cardinal Wiseman.	Rosy pink.....	.07	.70	5.00	45.00
M Chas. Dickens.	Light, large spike..	.07	.70	5.00	45.00
M Gertrude.	Deep pink .....	.07	.70	5.00	45.00
E Gigantea.	Light .....	.07	.70	5.00	45.00
E Lady Derby.	Delicate pink.....	.07	.70	5.00	45.00
E Marie Cornelia.	Rose, fine variety..	.07	.70	5.00	45.00
M Moreno.	Deep pink.....	.07	.70	5.00	45.00
M Jacques.	Pale pink.....	.07	.70	5.00	45.00
E Rosea Maxima.	Salmon pink.....	.07	.70	5.00	45.00

Single bulbs mailed free. Parcel Post Weight, per doz., 2 lbs.



Hyacinth "Enchantress"

SPECIAL OFFER OF NAMED BEDDING HYACINTHS

To popularize these bedding bulbs, we offer in our selection of varieties with your choice of color delivered free within 100 miles of Philadelphia. Refer to page 4 when ordering.

25 Named Hyacinths...	\$1.20	50 Named Hyacinths...	\$2.40
100 Named Hyacinths...	4.75	250 Named Hyacinths...	11.50
500 Named Hyacinths...	21.75	1000 Named Hyacinths...	42.50

MINIATURE OR PAN HYACINTHS

Largely grown in pans for window decoration, etc. The trusses are magnificent and almost as large as the regular hyacinths. P. P. W., 1 lb. per doz.; 100, 8 lbs.

SINGLE BLUE SORTS

	Doz.	100	1000	
Chas. Dickens.	Porcelain.....	\$0.05	\$0.45	\$3.00
Grand Maitre.	Bright blue.....	.05	.45	3.00
King of the Blues.	Bright blue.....	.05	.45	3.00
Lord Derby.	Light blue.....	.05	.45	3.00

SINGLE PINK AND RED SORTS

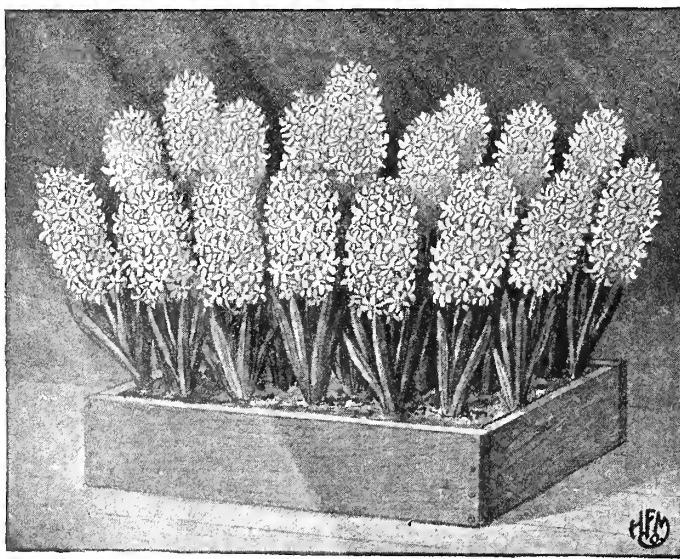
Cardinal Wiseman.	Rosy pink.....	.05	.45	3.00
Chas. Dickens.	Light pink.....	.05	.45	3.00
Gertrude.	Deep pink.....	.05	.45	3.00
Gigantea.	Light pink.....	.05	.45	3.00
Moreno.	Deep pink.....	.05	.45	3.00
Roi des Belges.	Bright scarlet.....	.05	.45	3.00

SINGLE WHITE SORTS

Albertine.	Pure white .....	.05	.45	3.00
La Grandesse.	Fine, pure white.....	.05	.45	3.00
Mad. Van der Hoop.	Pure white.....	.05	.45	3.00

SINGLE YELLOW SORT

Yellow Hammer.	Golden yellow.....	.05	.45	3.00
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Dutch Roman or Miniature Hyacinths

6 bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates

(hi)

MICHELL'S SUPERB HYACINTHS (Continued)

5

CHOICE BEDDING HYACINTHS (Unnamed)

Michell's Bedding Hyacinths are larger than those put in ordinary mixtures. They will produce fine spikes and therefore can also be used for forcing purposes. Where bedding of Hyacinths is to be done in large quantity we can particularly recommend them on account of their low cost; the length of time they remain in flower, and because of their handsome effect. Parcel post weight, 2 lbs. per dozen; per 100, 12 lbs.

SINGLE VARIETIES

	Each	Doz.	100	1000
Yellow	\$0.05	\$0.45	\$3.25	\$27.50
Pink .....	.05	.45	3.25	27.50
Dark Red .....	.05	.45	3.25	27.50
Pure White .....	.05	.45	3.25	27.50
Blush White .....	.05	.45	3.25	27.50
Light Blue .....	.05	.45	3.25	27.50
Dark Blue and Purple.....	.05	.45	3.25	27.50
Mixed. All colors.....	.04	.40	3.00	26.00

DOUBLE VARIETIES

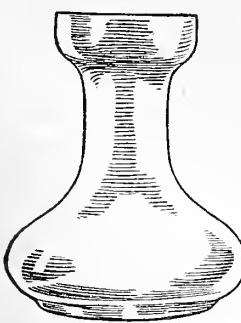
Red. All shades, including pink.....	.05	.45	3.25	27.50
Pink .....	.05	.45	3.25	27.50
Pure White .....	.05	.45	3.25	27.50
Blue. All shades.....	.05	.45	3.25	27.50
Yellow .....	.05	.45	3.25	27.50
Mixed. All colors.....	.04	.40	3.00	26.00



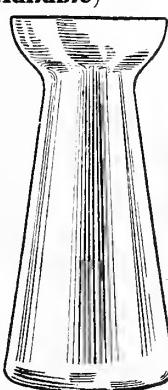
Michell's Hyacinths Planted in "Capitol Hill Park," Harrisburg, Pa.

HYACINTH GLASSES (Not Malleable)

Hyacinths grow beautifully and look most decorative when grown in glasses with water. These Hyacinth glasses are specially made for this purpose.



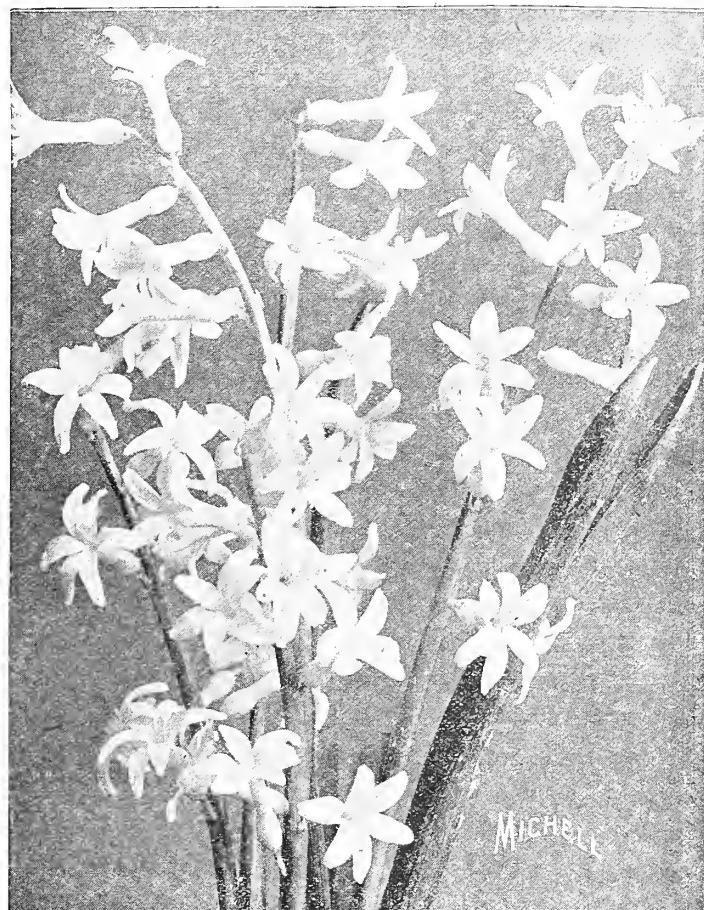
Tye or Low Pattern



Belgian Style

Belgian. In the following colors: Blue, green, white. 25c. each; per dozen, \$2.50.

Tye or Low Pattern. Heavier than the above style, but in the same colors. 25c. each; dozen, \$2.50.



Michell's Monster White Roman Hyacinths

FRENCH ROMAN HYACINTHS

French Roman Hyacinths afford a continuous supply of bloom from early winter until late in spring if planted in succession (two weeks apart). They are very fragrant.

They are easily grown in pots or pans. The bulbs, if potted in August or September, the pots plunged in the open ground for a month, until the bulbs are well rooted, and then brought in the house, they can be had in flower in November or December, and a continuous supply of these delightful flowers may be had, by bringing in a few pots or pans of the rooted bulbs at intervals of about 2 weeks. The bulbs should be planted quite close together, a 6-inch pot or pan will be sufficiently large enough for six bulbs. They are not hardy and are not suitable for outdoor planting.

	Each	Doz.	100	1000
White, selected, size 11-12 cm.....	\$0.07	\$0.75	\$5.00	\$43.50
" Extra select, size 12-15 cm.....	.08	.85	6.00	55.00
" Mammoth, 13-15 cm.....	.10	1.00	7.50	67.50
" Monster, 15 cm. and over.....	.12	1.25	9.00	85.00
Light Pink .....	.08	.85	6.00	....
Light Blue .....	.08	.85	6.00	....
White Italian. Late; large spikes.....	.08	.85	6.00	....
Parcel post weight, 1 lb. per doz.; per 100, 8 lbs.				

Christmas Flowering Dutch Roman Hyacinths L'Innocence

These specially prepared pure white Hyacinths are peculiarly adapted for pot culture and early flowering. They can be made to bloom just at holiday season, and for that reason their name. The bulbs, which are of medium size, produce large, well-formed spikes. We recommend each lover of flowers to try a few, as Hyacinths for Christmas are a most cheerful novelty. 7c. each; doz., 75c.; \$5.00 per 100; per 1000, \$45.00.

6 MICHELL'S SINGLE EARLY TULIPS—For Forcing and Bedding

To assist customers in making selections, we have affixed in front of the varieties denoting the approximate height where grown under the same conditions; also one of the following letters: V, E, M, L, to indicate the comparative blooming time, so that such sorts as flower together may be easily selected. V means very early; E means early; M means mid-season; L means late.



Early Single Show Tulip. "Pink Beauty"

Inches High		RED AND SCARLET VARIETIES		
		Doz.	100	1000
10 M	Artus. Bright scarlet, for bedding..	.25	\$1.35	\$11.00
10 M	Belle Alliance. Brilliant scarlet, for either forcing or bedding.....	.30	1.75	16.00
12 M	Couleur de Cardinal. Bronze scarlet, excellent for forcing or bedding...	.45	2.75	25.00
9 M	Crimson King. Crimson red, good for bedding or forcing.....	.25	1.50	12.00
10 M	Cramoise Brilliant. Fine scarlet, good forcer and a showy bedder..	.25	1.50	12.00
7 E	Duc Van Tholl, Cochineal. A most brilliant color; for forcing or bedding; very early .....	.35	2.00	17.50
7 V	Duc Van Tholl. Scarlet, for forcing or bedding .....	.25	1.50	12.50
7 V	Duc Van Tholl. Crimson, for forcing or bedding .....	.25	1.60	13.00
13 E	Dusart. Brilliant carmine scarlet; very large; splendid bedder.....	.30	1.80	14.00
14 E	Grace Darling. Very large globular flower with broad petals, fiery scarlet, good for bedding and forcing..	.50	3.00	26.00
12 E	Maas. Rich scarlet, for bedding only	.40	2.25	18.00
12 E	Pottebakker. Scarlet for bedding..	.30	1.80	16.00
14 M	Prince of Austria. Orange scarlet, for either forcing or bedding.....	.35	2.00	16.00
13 M	Sir Thomas Lipton. Brilliant crimson, with yellow base; equally good for forcing or bedding.....	.45	3.25	27.50
14 M	Thos. Moore. Apricot orange, fine shaped flower, the best of its color, for either forcing or bedding.....	.25	1.40	12.00
12 M	Vermilion Brilliant. The richest scarlet for forcing or bedding....	.45	2.75	25.00
	Unnamed Red in all shades.....	.25	1.25	10.00

PINK VARIETIES

8 M	Cottage Maid. Pink and white, a beautiful combination.....	\$0.35	\$2.00	\$16.00
7 V	Duc Van Tholl, Pink. For forcing or bedding .....	.30	1.75	13.00

If wanted per Parcel Post, please add postage as per Zone rate. Weight of Single Early Tulips, packed, 1 lb. per dozen; per 100, 5 lbs.

Inches High		PINK VARIETIES (Continued)		
		Doz.	100	1000
12 M	Flamingo (Pink Hawk). Fine forcer.	.60	4.00	32.50
12 E	Pink Beauty. The most superb and largest pink Tulip in existence....	.55	3.50	30.00
13 E	Princess Wilhelmina. Brilliant deep rose blushed white.....	.35	2.00	17.00
13 E	Prosperine. Glossy pink, very large, forces early, excellent for bedding.	.50	3.25	26.00
12 E	Pres. Cleveland. Rich, brilliant shade	1.75	12.50	100.00
14 E	Queen of the Netherlands. Soft pink.	.30	2.00	17.50
11 M	Rose Griselin. Delicate rose, flushed white, for forcing or bedding.....	.25	1.75	14.00
11 M	Rose Luisante. Brilliant deep pink, large flower for forcing and bedding	.45	2.75	25.00
11 M	Rosa Mundi. Rose pink, flushed white, for bedding.....	.25	1.75	14.00
	Unnamed Pink in all shades.....	.25	1.25	10.00

WHITE VARIETIES

7 V	Duc Van Tholl (Maximus). White.	.25	\$1.50	\$12.50
9 E	Joost Van Vondel, White (Lady Bo-reel). A real exhibition variety.....	.50	3.00	26.00
12 M	La Reine. Pure white; at times it shows a delicate shade of pink.....	.30	1.75	12.50
10 E	L'Immaculee. Pure white, early, for bedding .....	.25	1.25	11.00
12 E	Pottebakker White. Pure white, for bedding .....	.40	2.50	20.00
10 M	White Hawk (Albion). Pure white, for forcing and bedding.....	.40	2.50	20.00
	Unnamed White Varieties	.25	1.25	10.00

VARIEGATED OR TWO COLORED VARIETIES

7	Duc Van Tholl, Red and Yellow. Fine	Doz.	100	1000
	for forcing or bedding.....		\$0.25	\$1.50
13 M	Duchesse de Parma. Orange scarlet, suffused yellow edge; for bedding.	.30	1.75	15.00
12 E	Joost Van Vondel. Glossy red, striped white, bedding .....	.35	2.00	16.00
15 M	Kaiserkroon. Brilliant red with distinct wide golden border; for either forcing or bedding.....	.35	2.00	18.00

YELLOW VARIETIES

12 M	Chrysolora. Golden yellow, for bedding; this is one of the best.....	.30	\$2.00	\$16.00
7 V	Duc Van Tholl. Yellow. For forcing and bedding .....	.35	2.00	16.00
8 E	Fred Moore. Dark orange, shaded red .....	.25	1.75	15.00
12 E	Gold Finch. Sweet scented, golden yellow, forces early.....	.30	1.75	15.00
9 E	King of Yellows. Deep golden yellow	.35	2.00	17.50
13 E	Mon Tresor. Golden yellow, large flower; one of the best for forcing	.40	2.50	22.50
12 E	Ophir d'Or. Golden yellow; fine bedder; enormous flower.....	.30	2.00	16.50
12 E	Pottebakker Yellow. For bedding only	.30	2.00	16.50
14 M	Rising Sun. Deep golden yellow. Fine for forcing or bedding.....	1.25	7.50	65.00
10 M	Yellow Prince. Golden yellow.....	.30	1.75	15.00
	Unnamed, all Shades of Yellow.....	.25	1.25	10.00

VIOLET OR BLUE VARIETIES

12 M	Wouverman. Purple violet.....	.50	3.25	27.50
12 M	President Lincoln. Pale violet.....	.25	1.75	15.00

SINGLE UNNAMED TULIPS (For Bedding only)

	These make a fine effect where a solid color is desired, and their cost is not so much as the named varieties, although the colors are made up from the named sorts.	Doz.	100	1000
	Pink in all shades.....	\$0.25	\$1.25	\$10.00
	Red in all shades .....	.25	1.25	10.00
	White in all shades.....	.25	1.25	10.00
	Yellow in all shades.....	.25	1.25	10.00

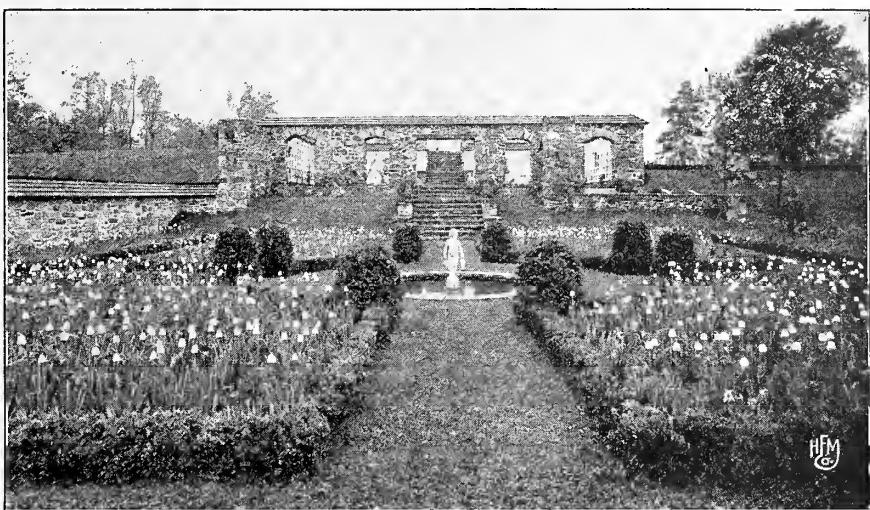
SINGLE EARLY TULIPS IN MIXTURE

	Our mixtures of Tulips have long been noted for their brilliancy, proper blending and variety of color.	Doz.	100	1000
	Fine Quality, all colors.....	\$0.15	\$1.00	\$8.50
	Superfine Quality, all colors .....	.20	1.25	10.00

MICHELL'S MAY FLOWERING DARWIN TULIPS

7

"Darwins" are a class of Tulips which flower long after the other Tulips have bloomed. The illustration on the front cover of this catalogue can give only a faint idea of the beauty of the Darwin Tulips. The gigantic flower cups are borne on straight, stout stems, which rise far above a broad foliage and which commonly attain a height of 2 to 3 feet. For massing, bedding or border planting the Darwins are hard to equal. For pot culture they are splendid and are just the ideal Tulip to grow for Easter. The varieties marked with an asterisk (*) are most adapted for the latter purpose.



HFM
Co.

Plantings of Darwin Tulips at the Estate of Mr. W. M. Jeffords, Glen Riddle, Pa.
J. Hurley, Supt.

- *26 **Baronne de la Tonnaye.** Vivid rose. One of the most beautiful varieties. The flowers are large, well formed and keep their brightness to the last. The best bedding variety in cultivation, but also a splendid forcer. 40c. per doz.; per 100, \$2.40; \$20.00 per 1000.
- *20 **Clara Butt.** Delicate salmon pink. Its perfect shape and lovely color make it a real beauty. It is a good bedder and a splendid forcer. 50c. per doz.; per 100, \$2.75; \$22.50; per 1000.
- 26 **Dream.** This is a beautiful shade of lilac. The flower is gigantic and this variety is one that should be included in every collection of Darwin Tulips. A very distinct and handsome Tulip of large size and shapely form. Superb for borders. This variety attracted great admiration in our annual Tulip show last spring. Per doz., 60c.; \$4.00 per 100; per 1000, \$30.00.
- *22 **Europe.** Brilliant red, with white, showy centre. One of the showiest bedders and a good forcer. 45c. per doz.; per 100, \$3.00; \$25.00 per 1000.
- *24 **Mr. Farncombe Sanders.** Brilliant scarlet, with a white centre. Giant flowering. One of the showiest of all Darwins. Good forcer. 45c. per doz.; per 100, \$3.00; \$25.00 per 1000.
- 23 **Glow.** Scarlet, margined white, blue centre. 45c. per doz.; per 100, \$3.00; \$25.00 per 1000.
- 28 **Madame Krelage.** Bright lilac rose, margined pale silvery pink, inside is a soft rose pink, very large flower of beautiful form. Per doz., 45c.; \$3.00 per 100; per 1000, \$25.00.
- *20 **Gretchen.** A most attractive variety of a soft salmon-rose color. Splendid for cutting. Good bedder and excellent forcer. 40c. per doz.; per 100, \$2.50; \$22.50 per 1000.
- *28 **Harry Veitch.** Crimson violet, with white centre. An early forcer, 35c. per doz.; per 100, \$2.25; \$20.00 per 1000.
- 24 **Kate Greenaway.** White, spotted lilac. Strong, stiff stems, holding the flower erect, make it one of the best bedders. 40c. per doz.; per 100, \$2.50; \$22.50 per 1000.
- *16 **Inglescombe Yellow** (the Yellow Darwin). A large, globular, canary-yellow flower. A very popular variety, suitable for bedding or forcing. 65c. per doz.; per 100, \$4.50; \$37.50 per 1000.
- 25 **La Tulipe Noire** (the Black Tulip). Deep purple maroon, almost glittering black. Per doz., 75c.; \$5.00 per 100; per 1000, \$42.00.
- *22 **La Tristesse.** Purple inside, slaty-blue outside, toning off white at the edges; a very interesting variety. 65c. per doz.; per 100, \$3.50; \$30.00 per 1000.
- *22 **Mrs. Potter Palmer** (also known as "Fashion" and "T. D. Fish"). A bright purplish violet, unique and showy. 50c. per dozen; per 100, \$2.75; \$22.50 per 1000.
- 26 **May Queen.** Soft rose. Very large flower. Splendid bedding variety. 40c. per doz.; per 100, \$2.25; \$20.00 per 1000.
- 22 **Nora Ware.** Dainty silvery lilac, shaded bronze; white base. Flowers are very large, on stiff stems, making it an ideal variety for cutting. 45c. per doz.; per 100, \$3.00; \$25.00 per 1000.
- 27 **Painted Lady.** Milky white. Faintly tinged soft heliotrope when opening. Quite distinct in form, resembling a water lily. 50c. per doz.; per 100, \$2.75; \$22.50 per 1000.
- *24 **Pride of Haarlem.** Brilliant rosy carmine. This is one of the most popular varieties of Darwin. The size of the flowers is immense, having usually more than six petals, giving them the appearance of Double Tulips. Excellent forcer. 45c. per doz.; per 100, \$2.75; \$22.50 per 1000.
- *20 **Rev. H. Ewbank.** Light heliotrope. Rather dwarf variety; a splendid bedder. For forcing we recommend this variety very strongly, as it stands forcing splendidly and produces large flowers of a very pleasing color. 50c. per doz.; per 100, \$3.00; \$25.00 per 1000.
- 24 **Sultan.** Very dark maroon, almost black. Undoubtedly the best of the dark varieties. The strong stems hold the flowers erect and make it an excellent bedder. 35c. per doz.; per 100, \$2.00; \$17.50 per 1000.
- 22 **White Queen.** Can be called the only white Darwin. It opens rosy white, but passes off pure white. One of the most popular varieties. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.
- 24 **William Pitt.** Brilliant carmine. One of the largest and grandest of the Darwins. Its perfect shape and lovely color rival with each other to make it a real beauty. 65c. per doz.; per 100, \$4.50; \$35.00 per 1000.
- Darwin mixed, all colors.** A great variety of all colors and shades. 30c. per doz.; per 100, \$1.75; \$14.00 per 1000.

Michell's Cottage Garden, Late, or May Tulips

Nothing in horticulture has received so much comment in late years as the late flowering tulips. A few years ago where only hundreds were sold, the demand has now grown to hundreds of thousands. They well deserve the popularity they have gained, for no other of the spring flowering bulbs can approach them for brilliancy, beauty and usefulness. For planting in beds, massing the perennial border or planting in clumps they are ideal. The very long stems make it possible to use them in most any kind of floral decoration; the flowers are shapely and many are very fragrant. The mixed types are desirable, yet we recommend the planting of named sorts if extra fine shows are wanted. (*All Single except where noted.*)

14 Blue Flag (Double). A very pretty shade of violet blue, very odd, and should be included in every collection. 6c. each; per doz., 60c.; \$4.00 per 100; per 1000, \$35.00.

18 Bouton d'Or (Golden Beauty or Ida). Color, a beautiful golden yellow; handsome perfect flower; grand for cutting. 4c. each; per doz., 30c.; \$1.75 per 1000; per 1000, \$15.00.

20 Caledonia. A lovely shade of bright orange scarlet; massive erect flowers are produced on long stems. It is a variety that should be planted very extensively, an extra fine sort for cutting. 4c. each; doz., 35c.; \$2.25 per 100; per 1000, \$17.50.

24 Gesneriana Lutea. This planted in connection with *Gesneriana Spathulata* makes a gorgeous combination, in fact, few other late tulips bed together as well as these. The rich canary yellow flowers hold their color for a long while; for cutting it is equally valuable. 4c. each; doz., 35c.; \$2.25 for 100; per 1000, \$17.50.

24 Gesneriana Spathulata. A brilliant scarlet, with blue-black centre. This is one of the finest late tulips in existence. 3c. each; per doz., 30c.; \$2.00 per 100; per 1000, \$16.00.

24 Gesneriana Rosea. Very similar in character and growth to the above; the color, however, is a rich brilliant pink. 3c. each; per doz., 30c.; \$2.00 per 100; per 1000, \$16.00.

16 Golden Crown. Flower very large, of a pure yellow color, with a narrow border of red, excellent for bedding or cutting. 4c. each, per doz., 30c.; \$1.75 per 100; per 1000, \$15.00.

24 Inglescombe Pink. A beautiful salmon rose, surpassing for brilliancy and stateliness anything in the cottage garden tulip line. Flowers are oval shaped like an egg; for promiscuous planting in borders this is one of the finest. If placed in a moderate heat this variety will force. 4c. each; doz., 30c.; \$2.00 per 100; per 1000, \$17.50.

24 Inglescombe Scarlet. Brilliant vermillion, with black centre, excellent for cutting. 5c. each; doz., 40c.; \$2.50 per 100; per 1000, \$20.00.

20 Inglescombe Yellow. A globular shaped rich golden yellow flower, a variety that resembles the Darwins; in fact, it is the only yellow tulip that can be massed with the latter in such a manner that it will not attract attention of its being another type. 6c. each; doz., 65c.; \$4.50 per 100; per 1000, \$37.50.

20 La Merveille. Beautiful orange red. Each, 4c.; 30c. per doz.; per 100, \$1.75; \$14.00 per 1000.

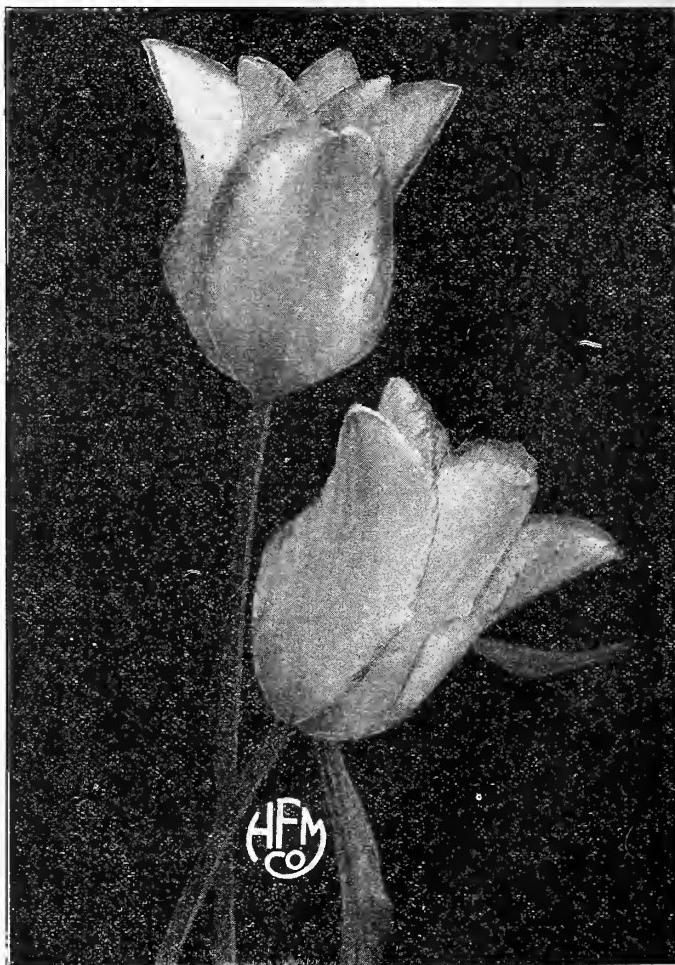
20 Moonlight. An exquisite shade of light canary yellow, with a long pointed flower on tall graceful stems; it keeps remarkably long in water as a cut flower; it can be forced in moderate heat. 75c. doz.; per 100, \$5.00; \$4.00 per 1000.

20 Picotee (Maiden's Blush). Color, white with a distinct rosy border; the finest late tulip. 4c. each; doz., 30c.; \$1.75 per 100; per 1000, \$15.00.

12 Royal White. Flower is very large, of oblong form of purest white, while the centre is light yellow. This is without doubt the best of the late whites which will force indoors in slow, gradual heat. 6c. each; doz., 60c.; \$3.50 per 100; per 1000, \$30.00.

Note—If by Parcel Post, add postage at Zone Rates. Weight of Late Tulips, 1 lb. per doz.; 100, 5 lbs. Single Bulbs mailed free.

- 20 Rosalind.** A bright cherry pink, pure white at base. 3c. each; 30c. per doz.; per 100, \$1.75; \$15 per 1000.
- 12 Sarah Bernhardt (Hobcema or Le Reve).** Exquisite soft rose shaded apricot; a delightful combination. 6c. each; doz., 60c.; \$4.25 per 100; per 1000, \$37.50.
- 20 Shandon Bells (Blushing Bride or Isabella).** A beautiful carmine, shaded creamy white, a very pretty contrast. 3c. each; per doz., 30c.; \$1.75 per 100; per 1000, \$14.00.
- 20 Striped Beauty (Summer Beauty).** Rose flaked crimson and white, a large and showy flower. 6c. each; per doz., 60c.; per 100, \$3.50; \$30.00 per 1000.



Late Tulip Picotee

LATE TULIPS IN MIXTURES

(*All single except where noted*)

Bizarres. A peculiar combination of colors, principally yellow ground with markings and stripings of red, white and orange. 3c. each; per doz., 30c.; \$2.00 per 100; per 1000, \$15.00.

Bybloemen. A wide range of shadings and combinations of white, scarlet, pink and crimson. 3c. each; per doz., 30c.; \$2.00 per 100; \$15.00 per 1000.

Darwin's. A most interesting class, covering a wide range of colors. 3c. each; per doz., 30c.; \$1.75 per 100; per 1000, \$14.00.

Double Superfine Mixed. In all colors. Many prefer the double tulips as they last longer than the single sorts. 3c. each; per doz., 25c.; \$1.25 per 100; per 1000, \$11.00.

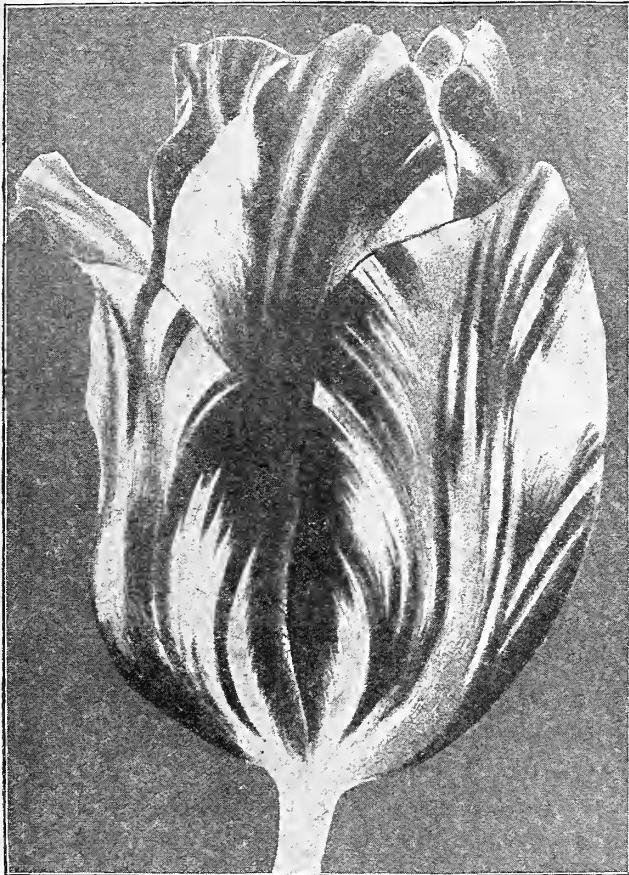
Single Superfine Late Mixed. We can recommend these highly for planting in places where a fine show is desired. 3c. each; per doz., 25c.; \$1.75 per 100; per 1000, \$13.00.

MICHELL'S GORGEOUS LATE FLOWERING TULIPS 9

DUTCH BREEDER TULIPS

This old-fashioned type has come into prominence very much of late years. They are the race from which practically all other late tulips originated. The colors run principally in the purple, maroon and terra cotta shades; they are gigantic in size and of vigorous growth. The shades of color are really distinct from all other classes, being exceptionally refined. They make a fine effect in hardy borders, and when used as a cut flower last a long while in water. If you want something exceptionally fine in your garden, plant some of these varieties. Breeder tulips cannot be forced.

	Each	Doz.	100	1000
25 Apricot.	Rich Brilliant orange.....	\$0.09	\$0.90	\$7.00
26 Cardinal Manning.	Mauve.....	.06	.50	3.50
36 Goliath.	Combination of rose and amber .....	.06	.50	3.50
32 Jaune d'Oeuf.	Golden apricot.....	.05	.40	3.00
32 Medea.	Red shaded heliotrope.....	.05	.40	3.00
28 Velvet King.	Rich purple.....	.12	1.25	8.50
Superfine Mixed.	All colors.....	.03	.30	2.00
				17.50



Rembrandt Tulip Vesta (See opposite column)

TESTIMONIALS ON MICHELL'S BULBS

SHIREMANSTOWN, PA.

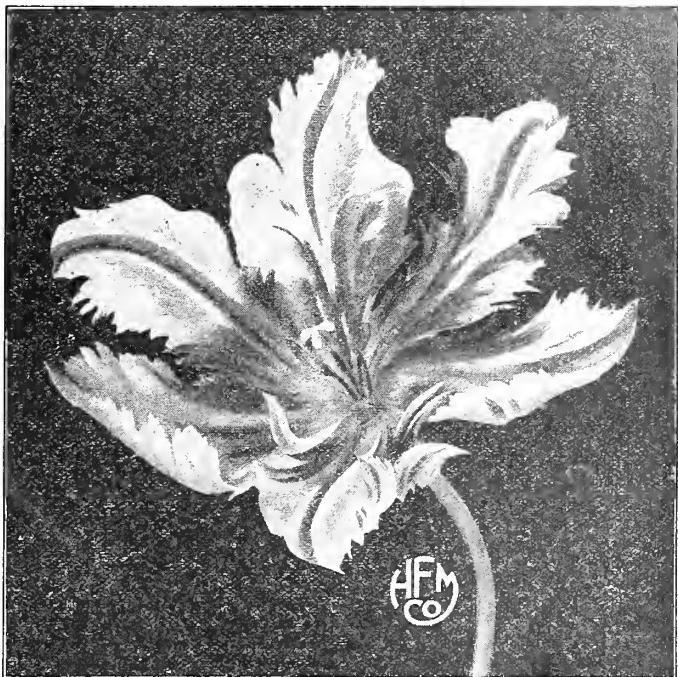
Bulbs I purchased from you last year did splendidly. I hope to order considerably more this coming year.

GEO. H. RUPP.

BAUSMAN, PA.

The bulbs received from you were excellent—could not have asked for anything better. As to your business methods, they are certainly O. K.

CHAS. E. BROOK.



Parrot or Dragon Tulip "Gloriosa"

PARROT OR DRAGON TULIPS

They are curiously curled and crested. They are fine for bedding and border planting, also useful as a cut flower, keeping well for some time when placed in water. They are very fragrant, and grow about 12 inches high. We offer first size bulbs only in Parrot Tulips, which will bloom; many bulbs offered at low prices will not flower.

Constantinople. Orange scarlet, with black markings in centre.

Gloriosa. A very showy orange and red sort, petal very broad.

Lutea Major. Very large, bright yellow.

Markgraaf of Baden. Large yellow, striped scarlet and green.

Preciosa. Scarlet, slightly striped yellow.

Price of any of the above-named Parrot Tulips, 3c. each; 30c. doz.; per 100, \$1.75; \$15.00 per 1000.

Mixed in all colors. This mixture is carefully blended and contains only the choicest sorts. Each, 3c.; doz., 25c.; \$1.35 per 100; per 1000, \$11.00.

REMBRANDT TULIPS

This type comprises a strain of variegated Darwin tulips frequently referred to as broken Darwin or Rembrandt varieties. They resemble the former with the exception of variation as to colors. Any one who wants something real extraordinary in tulips will appreciate these. Our list is made up of the better kinds, although there are many of them. Rembrandt tulips cannot be forced.

	Each	Doz.	100	1000
Apollo. Lilac, white and carmine	\$0.04	\$0.40	\$2.50	\$22.50
Hebe. Lilac, white and brown.....	.06	.60	4.00	37.50
Fleur de Marie. Deep rose pink.....	.07	.70	4.50	42.50
Julienne. Rose and white.....	.06	.60	4.00	35.00
Quasimodo. Red and white.....	.05	.50	3.00	27.50
Red Prince. Rich and red.....	.07	.60	4.00	35.00
Vesta. Carmine and white .....	.05	.50	3.00	27.50
Zenobia. White, lilac and maroon.....	.05	.50	3.50	30.00
Superfine Mixed. All varieties.....	.04	.35	2.00	17.50

Notice—If wanted by mail, add postage at zone rates. Weight, per doz., 1 lb.; 5 lbs. per 100. Single bulbs mailed free.

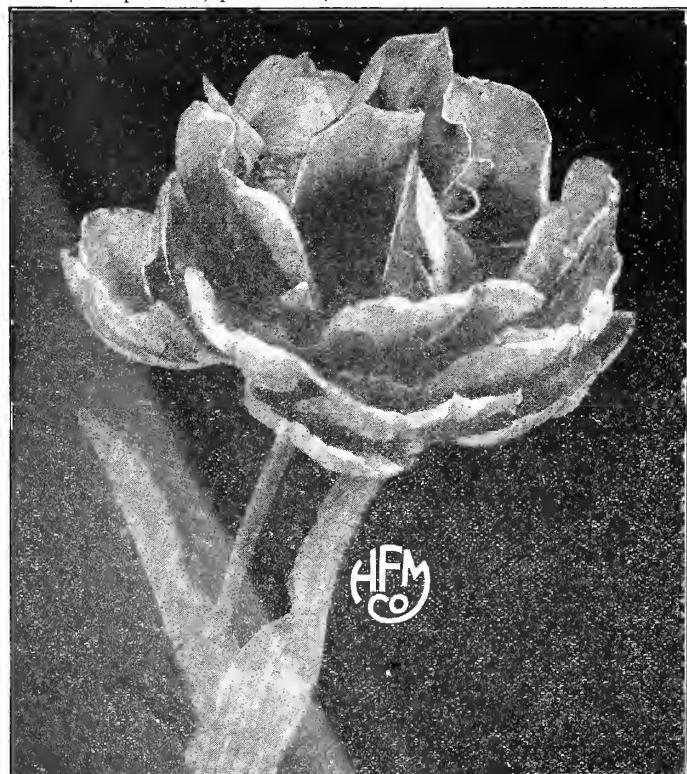
MICHELL'S EARLY DOUBLE TULIPS

Double Tulips have massive flowers of brilliant and varied colors and the flowers last much longer in bloom than the single varieties. Double Tulips are beautifully adapted for beds on the lawn, in the garden, or for planting in clumps of a dozen or more among shrubbery. They should not be planted in beds with Single Tulips, as they do not bloom as early as the single sorts. Double Tulips are also used extensively for forcing. The number prefixed before the variety denotes the approximate height in inches.

- 8 **Cochineal.** Brilliant scarlet; splendid bedder and forcer. 4c. each; doz., 40c.; \$2.25 per 100, per 1000, \$18.50.
- 10 **Couronne d'Or.** Rich yellow; grand forcer. 5c. each; doz., 50c.; \$3.00 per 100; per 1000, \$27.50.
- 10 **Couronne des Roses.** Bright pink; early forcer. 5c. each; doz., 50c.; \$3.00 per 100; per 1000, \$27.50.
- 12 **Golden King.** Soft canary yellow, shaded deeper yellow; very large and beautiful flower of superb effect for bedding. \$1.00 doz.; 100, \$6.50.
- 9 **Gloria Solis.** Bright scarlet with deep yellow border; excellent for bedding or forcing. 3c. each; doz., 30c.; \$2.00 per 100; per 1000, \$17.50.
- 9 **Imperator Rubrorum.** Brilliant scarlet; especially adapted to forcing; also fine for bedding. 5c. each; doz., 50c.; \$2.50 per 100; \$22.50 per 1000.
- 10 **La Candeur.** Very large, pure white; for forcing or bedding. 3c. each; doz., 25c.; \$1.60 per 100; per 1000, \$14.00.
- 10 **La Coquette.** Orange, flaked yellow, for forcing or bedding. 4c. each; doz., 40c.; \$2.50 per 100; per 1000, \$20.00.
- 12 **Le Matador.** Dazzling scarlet; for forcing or bedding. 4c. each; doz., 40c.; \$2.50 per 100; per 1000, \$22.50.
- 14 **Lucretia.** Deep rose; splendid forcer. 5c. each; doz., 45c.; \$2.50 per 100, per 1000, \$20.00.
- 8 **Murillo.** Superb blush white, turning to beautiful pink; one of the best forcers. 4c. each; doz., 40c.; \$2.50 per 100; per 1000, \$20.00.
- 10 **Princess Beatrice.** Delicate pink; flushed white. 4c. each; doz., 35c.; 100, \$2.00; per 1000, \$15.00.
- 12 **Rose de la Montagne.** White, flushed pink; fine for pots and forcing; semi-double. 4c. each; doz., 35c.; \$2.00 per 100; per 1000, \$17.50.
- 8 **Rose Blanche.** Pure white; for bedding or forcing. 3c. each; doz., 30c.; \$2.00 per 100; per 1000, \$15.00.
- 10 **Rubra Maxima.** Dazzling scarlet; good bedder and splendid early forcer. 4c. each; doz., 35c.; \$2.00 per 100; per 1000, \$17.50.



Double Tulip—Couronne d'Or



Double Tulip—Tournesol Red and Yellow

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates

(hi)

- 11 **Salvator Rosa.** Beautiful deep rose; suitable for either forcing or bedding. 4c. each; doz., 30c.; \$2.00 per 100; per 1000, \$17.00.
- 10 **Tea Rose (Saffrano or Yellow Murillo).** Salmon yellow; exquisite. 6c. each; doz., 50c.; \$3.25 per 100; per 1000, \$30.00.
- 11 **Titian.** Red with a yellow border; good for bedding but not for early forcing. 4c. each; doz., 35c.; \$2.50 per 100; per 1000, \$22.50.
- 10 **Toreador (New).** A handsome rich orange; a grand forcing variety. 6c. each; doz., 50c.; \$3.75 per 100; per 1000, \$32.50.
- 10 **Tournesol, Red and Yellow.** For forcing and bedding. 4c. each; doz., 40c.; \$2.75 per 100; per 1000, \$22.50.
- 10 **Tournesol.** Pure deep yellow; forces readily. 5c. each; doz., 45c.; \$2.75 per 100; per 1000, \$22.50.
- 11 **Vuurbaak (Beacon Light).** Magnificent large flowers, brilliant scarlet; splendid for forcing or bedding. 40c. doz.; per 100, \$2.50; \$22.50 per 1000.
- 10 **Yellow Rose.** Deep yellow; late flowering. Good for bedding, but not for forcing. 3c. each; doz., 25c.; \$1.75 per 100; per 1000, \$12.50.

DOUBLE UNNAMED TULIPS (Separate Colors)

These are very valuable for solid color bedding where no particular design is to be carried into effect and where expense is considered. Not suitable for forcing. Each Doz. 100 1000
Pink, in all shades..... \$0.03 \$0.25 \$1.25 \$10.00
Red, in all shades..... .03 .25 1.25 10.00
White, in all shades..... .03 .25 1.25 10.00
Yellow, in all shades..... .03 .25 1.25 10.00

MICHELL'S EARLY DOUBLE MIXED TULIPS

Carefully blended with choicest varieties from named sorts, and will produce a grand array of colors. Each Doz. 100 1000
Fine Quality \$0.02 \$0.20 \$1.00 \$8.50
Superfine Quality03 .25 1.50 12.00
P. P. Wt. of Double Tulips, 1 lb. per doz.; 100, 5 lbs.



MICHELL'S SPRING FLOWERING CROCUS, Etc.

With the introduction of the newer improved Giant Named Crocus this flower has gained untold favor; for it is not only used as in olden days a decoration for lawns, but occupies a place as prominent as tulips; it is most effective in clumps of one color among shrubberies, in borders or garden beds. In lawns planted in the grass the Crocus is extremely effective. They are easily planted in the turf with the aid of a dibble, especially after rains have made the sod moist. The flowers are gone before the lawn requires mowing, so they do not interfere with the summer beauty of the lawn. The Giant flowering named varieties are splendid for flowering in pots, and may also be successfully grown in bowls of water, with moss, fibre or pebbles.

GIANT NAMED VARIETIES

The bulbs of these varieties are very large and each bulb is capable of producing several flowers. In size of flowers and coloring they are a great improvement on the older sorts.

	Doz.	100	1000
Baron von Brunow. Deep blue.....	\$0.20	\$1.00	\$8.50
Cloth of Gold. Rich yellow, brown veins..	20	1.00	8.50
Cloth of Silver. Silvery white, striped lilac	.20	1.00	8.50
Mont Blanc. Pure white.....	20	1.00	8.50
Purpurea Grandiflora. Fine purple.....	20	1.00	8.50
Queen Victoria. Pure white.....	20	1.00	8.50
Sir Walter Scott. White, striped purple..	20	1.00	8.50
Giant Named Mixed.	20	.90	8.00

MIXED CROCUS IN SEPARATE COLORS

Our bulbs of mixed Crocus are all of the largest size and should not be confounded with the cheap mixtures which are frequently offered.

	Doz.	100	1000
Blue and Purple	\$0.12	\$0.65	\$6.00
Striped .....	.12	.65	6.00
White .....	.12	.65	6.00
Yellow. First size .....	.12	.65	6.00
Yellow. Mammoth size.....	.20	1.00	8.00
Yellow. Giant size.....	.25	1.50	12.50
Mixed. All colors.....	.10	.60	5.50

Dozen lots of Crocus mailed free. Weight, per 100, 2 lbs.

AUTUMN FLOWERING—CROCUS AND COLCHICUM

Effective, hardy bulbous plants, which flower in the autumn without foliage, the latter appearing the following spring. Very desirable, especially for hillsides and terraces. They can be put to splendid use either in clumps in the hardy border, or between shrubs, or for naturalizing in fields, woods or meadows. The latter spots are their natural home.

As a house plant they are a curio. For this purpose they must be placed in shallow saucers near a sunny window. As if by magic over night the flowers peep through the top, first white, and then gradually changing to lavender. Plant early.

	Doz.	100	1000
Sativus (Saffron Crocus). Purplish blue....	\$0.25	\$1.50	\$12.50

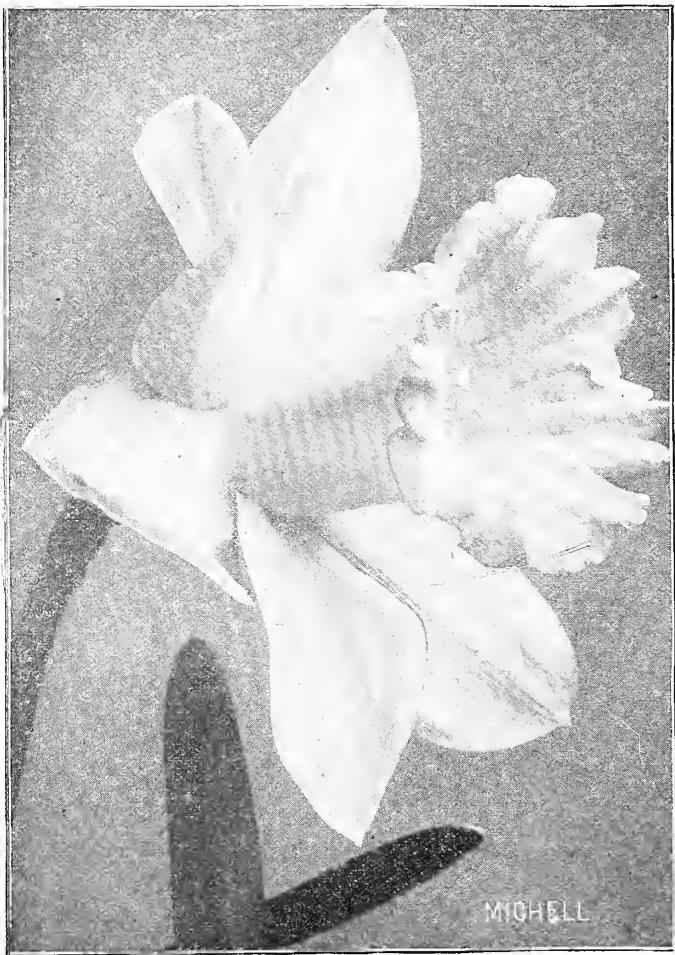
Speciosus. Bright lavender, orange anthers	.20	1.25	10.00
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Colchicum Autumnale Major (Meadow Saffron). Purplish rose; 6 inches high; extra large bulbs10c.	each 1.00	6.50	52.00
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6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates

(hi)

MICHELL'S SUPERB NARCISSUS OR DAFFODILS



MICHELL

Single Narcissus Emperor

Height
in inches

GIANT TRUMPET VARIETIES

- 12 F **Ard Righ (Irish King).** A very showy variety, especially suitable for growing in pans or forcing; trumpet golden yellow, perianth light yellow; very early. 5c. each; doz., 50c.; \$3.00 per 100; per 1000, \$27.50.
- 12 F **Bicolor Grandee.** Immense flowers, white broad perianth, beautiful yellow trumpet with frilled edge; one of the best for garden planting or forcing; very late. 4c. each; doz., 40c.; \$2.50 per 100; per 1000, \$20.00.
- 18 F **Bicolor Victoria.** An enormous flower of tremendous substance, robust habit; trumpet rich golden yellow, beautifully fluted; perianth creamy white, very broad; early.

	Each	Doz.	100	1000
Large Bulbs	\$0.05	\$0.40	\$2.75	\$23.50
Monster Bulbs	.07	.70	4.50	40.00
- 18 F **Emperor.** One of the best Narcissus in cultivation, for either outdoor or indoor culture. Entire flower is pure golden yellow. Both perianth and trumpet are very massive; mid-season.

	Each	Doz.	100	1000
Large Bulbs	\$0.05	\$0.50	\$2.75	\$24.00
Monster Bulbs	.07	.70	5.00	40.00
- 18 F **Empress.** This variety tallies exactly with the foregoing sort, except that the perianth is pure white and the trumpet golden yellow, making the flower extremely attractive; mid-season.

	Each	Doz.	100	1000
Large Bulbs	\$0.05	\$0.50	\$2.75	\$24.00
Monster Bulbs	.07	.70	5.00	40.00

A BOOK ON DAFFODILS (Narcissus)

The culture of these beautiful flowers complete in detail.
Price, postpaid, \$1.10.

Special Offer. For a bulb order amounting to \$20.00 or more and accompanied by remittance, we will include this beautiful book **free**.

No garden is complete without the Narcissus and Jonquils, and they really deserve the foremost place among bulbous flowers. They are perfectly hardy and increase from year to year. As a house bulb in winter they are indispensable, as their culture is of the easiest possible.

Note.—In describing Narcissus, Daffodils, etc., by "perianth" we mean the flower petals surrounding the cup or funnel; "Trumpets" is a word applied to the centre tube or funnel; "Cup" refers to a short cup-like formation in place of the funnel. To assist customers in making a selection we have affixed the height and time of flowering; the height in inches is denoted by figures; F indicates that a variety is suited for planting indoors for winter blooming.

GIANT TRUMPET VARIETIES

Height
in inches

15 F **Giant Princeps.** Extensively used for naturalizing; one of the best forcing sorts, being very early; perianth sulphur yellow, trumpet rich yellow. 3c. each; doz., 30c.; \$1.50 per 100; per 1000, \$12.00.

14 F **Glory of Leiden.** Immense flowers of majestic appearance; very long, fluted trumpet, rich golden yellow; the perianth petals are very broad, overlapping each other gracefully. Each, 12c.; \$1.00 per doz.; per 100, \$7.00.

18 F **Golden Spur.** A large striking variety of wonderful robust growth, unusually good for garden culture or forcing, very early and blooms freely; the entire flower is pure golden yellow, from which it derives its name.

	Each	Doz.	100	1000
Large bulbs (Dutch).....	\$0.05	\$0.50	\$3.00	\$22.50
Monster bulbs (Dutch).....	.07	.70	5.00	40.00

Golden Spur (Extra Early Forcing Strain). Desirable for Christmas and New Year's flowering indoors.

	Each	Doz.	100	1000
Monster size	\$0.07	\$0.70	\$5.00	\$40.00

18 F **Henry Irving.** Perianth and trumpet are pure yellow; peculiarly adapted for border planting or naturalizing as well as for forcing; very early. 5c. each; doz., 40c.; \$2.50 per 100; per 1000, \$20.00.

18 F **King Alfred.** One of the finest pure yellow Narcissus in cultivation. The gigantic flowers are of intense golden yellow color; the trumpet is large and open with a deeply filled edge. 40c. each; doz., \$3.50; per 100, \$22.50.

16 F **Madame de Graaff.** The best and largest of the pure white trumpet daffodils. When it first comes into flower it shows creamy white, changing to pure white as the flower matures; late. Each, 10c.; \$1.00 per doz.; per 100, \$6.00.

15 F **Trumpet Major.** One of the best varieties for forcing or outdoor massing; both trumpet and perianth deep golden yellow; very early.

Dutch-grown bulbs for out-

	Each	Doz.	100	1000
doors and forcing.....	\$0.04	\$0.35	\$1.75	\$15.00
Trumpet Major (Christmas Flowering).	French-grown, for early forcing; produces medium-sized flowers with long stems.			

	Each	Doz.	100	1000
Mammoth bulbs	\$0.06	\$0.50	\$3.00	\$25.00

12 F **William Goldring.** Perianth pure white, trumpet, which is very large, is light canary yellow; mid-season. 4c. each; doz., 40c.; \$2.25 per 100; per 1000, \$20.00.

MICHELL'S SUPERB NARCISSUS

13

MEDIUM TRUMPET OR CUP VARIETIES

Extensively used for bedding, naturalizing and border planting on account of their low cost and because of the general satisfaction they always give for this purpose.

Height
in inches

14 F **Albicans** (*White Spanish Daffodil*). Creamy white perianth with a delicate yellow trumpet almost white; blooms early outdoor; suitable for moderate forcing. 5c. each; doz., 40c.; \$2.50 per 100; per 1000, \$22.50.

20 F **Barri Conspicuus**. A beautiful flower with large spreading yellow perianth; the crown or cup is orange scarlet; free bloomer; best suited to outdoor culture; can also be forced. 3c. each; per doz., 25c.; \$1.50 per 100; per 1000, \$12.00.

6 F **Bulbocodium** (*Hoop Petticoat*). Flower when perfected resembles a hoop skirt of exquisite golden yellow; the diminutive blooms are exceedingly graceful and decorative, and whether grown in a pan or in clumps in the natural border or in a rockery it is undeniably pretty. The foliage is very small, almost invisible. a clump of these flowers has the appearance of a blaze of gold; late. 5c. each; doz., 50c.; \$3.00 per 100; per 1000, \$27.50.

14 **Cynosure**. Primrose yellow perianth, orange shaded cup stained scarlet; this is one of the showiest in its class; a very free bloomer and is fine for cutting; recommended for outdoor planting in herbaceous borders and shrubbery; mid-season. 3c. each; doz., 25c.; \$1.35 per 100; \$11.00 per 1000.

14 **Figaro**. Graceful form, one of the largest in this class; the lemon yellow perianth is very broad petaled while the light yellow cup is richly shaded orange. This should be planted largely in every hardy border or any other spot where it can give a natural effect; mid-season. 3c. each; doz., 25c.; \$1.50 per 100; per 1000, \$12.00.

12 **Stella**. One of the earliest varieties to bloom outdoors, for which purpose only it should be planted; tremendously free flowering; blooms are somewhat star-shaped, perianth white with a light yellow cup; fine for cutting; mid-season. 3c. each; doz., 25c.; \$1.25 per 100; per 1000, \$10.00.

12 F **Leedsii Mrs. Langtry**. This is ideal for massing. Its color is distinct, being entirely pure white, is very attractive on account of its broad perianth; for planting either indoor or out, it always gives satisfaction; late. 3c. each; 25c. doz.; per 100, \$1.35; \$11.00 per 1000.

12 **Obvallaris** (*Tenby Daffodil*). Pure golden yellow, very distinct, for outdoor planting only; it is a small cupped variety; late. 4c. each; doz., 35c.; \$2.00 per 100; 1000, \$16.00.

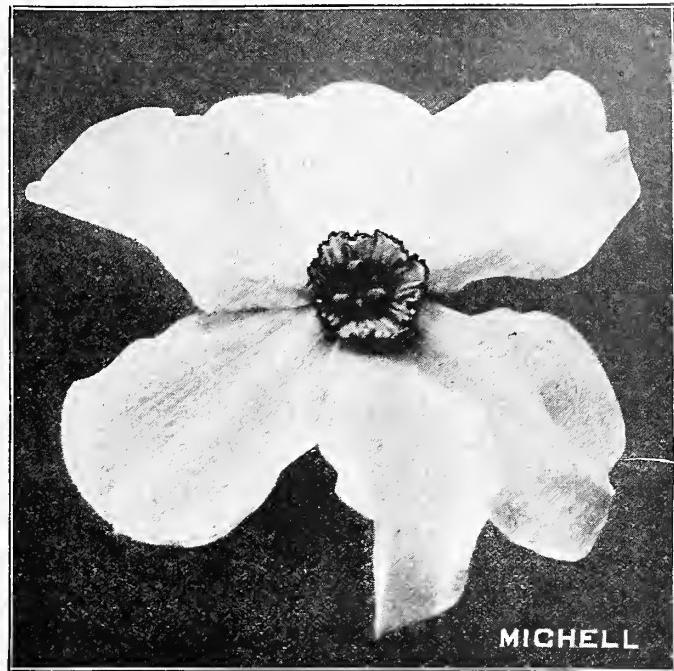
20 F **Sir Watkin** (*Giant Chalice Flower*). The flower is probably the largest in its class, measuring often 5 inches across; for moderate forcing as well as bedding on a large scale; it is pleasing and very free flowering; perianth lemon yellow, cup or crown deep yellow; very early. 4c. each; doz., 40c.; \$2.50 per 100; per 1000, \$20.00.

HARDY NARCISSUS IN MIXTURE

For massing in borders, fields, woods and, in fact anywhere, they more than return their cost in the liberal manner in which they flower, producing a wide range of color and variety of bloom. We offer large size bulbs only, which can be depended upon for results the first season.

Single Varieties. 25c. per doz.; per 100, \$1.25; \$10.00 per 1000; per 5000, \$45.00.

Double Varieties. 25c. per doz.; per 100, \$1.50; \$12.00 per 1000; per 5000, \$55.00.



MICHELL

Narcissus Poeticus Ornatus (Natural Size)

THE OLD-FASHIONED POET'S NARCISSUS

This class is noted for its hardiness and freedom of bloom. It is one of the most popular types, used extensively for wild gardening and naturalizing. They are quite fragrant and are splendid for cut flowers.

Height
in inches

12 **Biflorus**. Two to three flowers appear on a single stalk; perianth pure white; the crown is soft yellow; it flowers very late and is delightfully sweet scented. Each, 4c.; 30c. doz.; per 100, \$1.50; \$11.50 per 1000.

12 **Burbridgei**. This is the earliest variety, bearing pure white flowers, the cup being beautifully fringed and marginated red. Each, 3c.; 25c. doz.; per 100, \$1.35; \$11.00 per 1000.

15 F **King Edward VII (Almira)**. An improved type, having magnificent large flowers with broad, round petals, a glistening white, and the yellow cup is edged deep red; a very early flowering variety. 5c. each; doz., 35c.; \$2.25 per 100; per 1000, \$20.00.

24 F **Poetaz Elvira**. This remarkable novelty is the result of a cross between the Pheasant Eye and the Polyanthus Narcissus, combining hardiness with the cluster flowering effect. The blooms which are pure white of remarkable substance and delicate yellow cup never come less than 3 to 4 to a long stem and from 2 to 3 stems are produced from a single bulb. The fragrance is distinct, resembling that of a Gardenia. It forces well and early. Each, 4c.; 40c. doz.; per 100, \$2.75; \$22.50 per 1000.

12 **Poeticus Ornatus**. A much improved form of the ordinary Poeticus, producing larger flowers and blooming two weeks earlier; especially adapted for forcing; mid-season.
Each Doz. 100 1000
First-size Bulbs \$0.03 \$0.20 \$1.10 \$8.50
Mammoth Bulbs04 .25 1.50 12.00

12 **Poeticus (Pheasant's Eye)**. The popular narcissus for garden planting; pure white with scarlet edged cup or eye; most effective when planted in clumps on lawns, in woodlands, meadows, on banks of streams and ponds, as well as in the border and herbaceous bed. Very hardy and increase readily in numbers; late. 3c. each; per doz., 20c.; \$1.00 per 100; per 1000, \$8.00.

POLYANTHUS NARCISSUS

This class of Narcissus is a most interesting one. They may be grown in water and pebbles like Chinese lilies, but they are equally suited for growing in soil. The flowers are produced in clusters, like the illustration, and they are delightfully fragrant. Not suitable for outdoors. Parcel Post Weight of Polyanthus Narcissus, 2 lbs., per doz., per 100, 12 lbs.

Double Roman. White perianth, with an orange and yellow suffused cup; very free flowering and early. 4c. each; per doz., 35c.; \$2.00 per 100; per 1000, \$17.50.

Gloriosa. A very showy type, with white perianth and orange yellow cup; very pretty. 5c. each; per doz., 40c.; \$2.50 per 100; per 1000, \$22.00.

Grand Monarque. Large, broad, white perianth with a primrose-yellow cup; a very striking flower. 5c. each; per doz., 40c.; \$2.50 per 100; per 1000, \$20.00.

Grand Soleil d'Or (often called "Yellow Paperwhite"). Rich yellow, with deep red cup. For cutting this is a fine variety, as it makes a grand show. 5c. each; per doz., 50c.; \$3.25 per 100; per 1000, \$30.00.

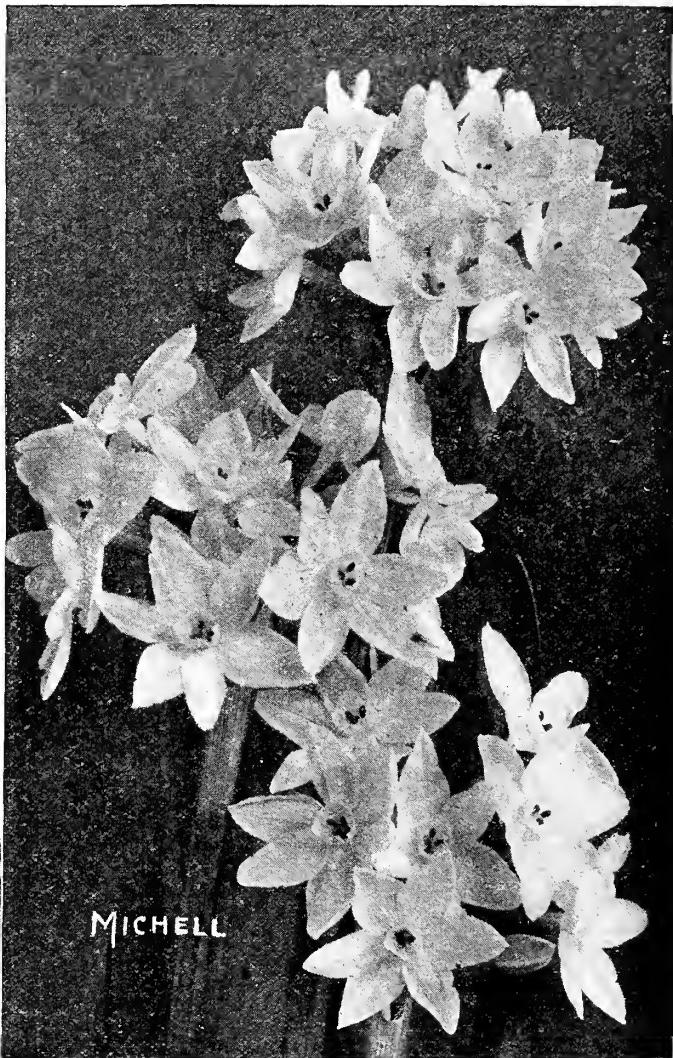
Paper White Grandiflora, First Size Bulbs. This is quite a specialty with us; of it alone we import over one million bulbs. It is a pure white flowering sort; used extensively for forcing, as it can be brought into bloom in 8 weeks' time; the stems are very long and it is excellent for bunching. 5c. each; per doz., 35c.; \$2.50 per 100; per 1000, \$20.00.

Paper White Grandiflora, Mammoth Bulbs. 6c. each; per doz., 50c.; \$3.50 per 100; per 1000, \$27.50.

Paper White Grandiflora, Giant Bulbs. 10c. each; doz., 75c.; \$5.00 per 100; per 1000, \$40.00.

White Pearl. A large pure white; very exquisite. 5c. each; per doz., 40c.; \$2.50 per 100; per 1000, \$22.50.

Polyanthus Narcissus, Mixed. All colors and varieties. 4c. each; per doz., 35c.; \$2.00 per 100; per 1000, \$16.00.



Michell's Giant Narc. P. W. Grandiflora



Michell's Double Jonquils

Parcel Post Weight of Jonquils, $\frac{1}{2}$ lb. per doz.;
per 100, 3 lbs.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates

(hi)

MICHELL'S DOUBLE NARCISSUS OR DAFFODILS AND JONQUILS

The Narcissus or Daffodil is becoming more popular every year. It is hardy in every way and thrives most anywhere. For naturalizing in woods and fields nothing equals it. When once established they multiply rapidly and in a short time cover tremendous areas. Many varieties can also be used for forcing, for which purpose they are highly desirable. Plant in a pan or pot anywhere from 3 to 12 bulbs, according to size of bulb. We offer large bulbs only. *Parcel Post Weight of Double Narcissus, 1 1/4 lbs. per dozen; per 100, 10 lbs. Single bulbs mailed free.*

Alba Plena Odorata. A very sweet-scented pure white variety called Double Poets Narcissus; it flowers later than many of the other daffodils, and is not desirable for forcing. It makes a handsome show bedded among perennial plants and shrubbery; height about 15 inches. 3c. each; per doz., 25c.; \$1.35 per 100; \$11.00 per 1000.

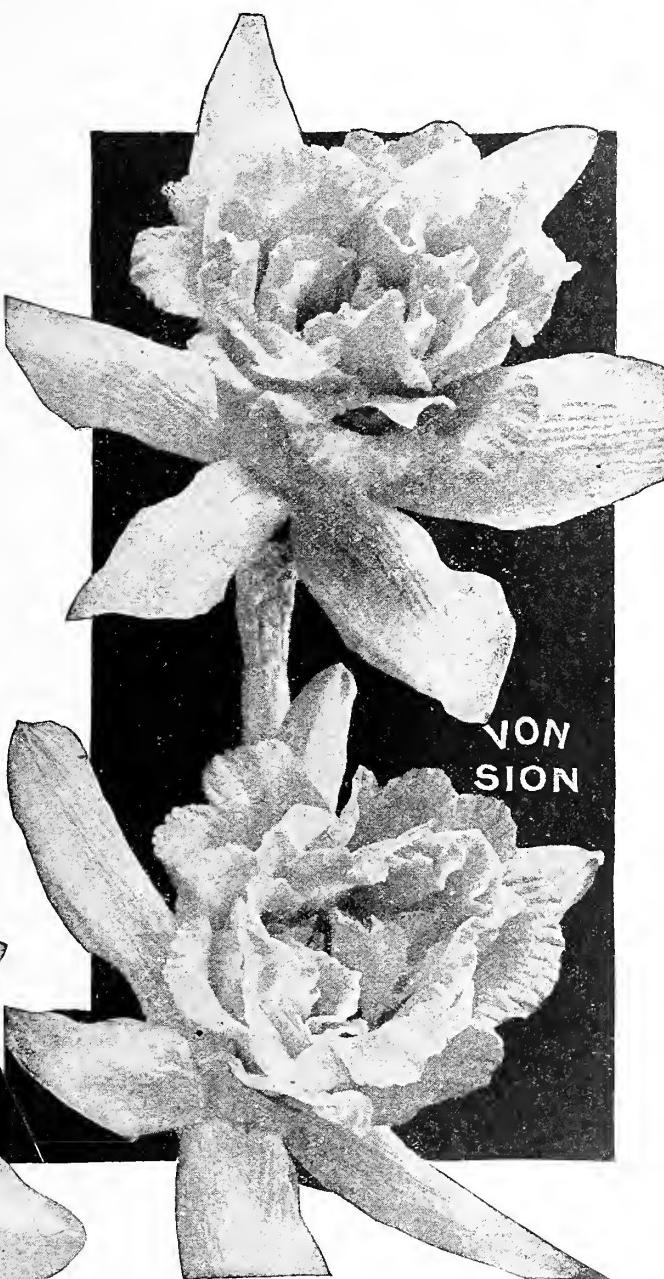
Double Jonquils (Sweet Scented). Pure golden yellow; deliciously fragrant. Clumps of these planted outdoors make a beautiful effect. Indoors they can be brought into flower with ease, when they should be planted in pans containing not less than a dozen bulbs. Height, 12 inches. 4c. each; doz., 35c.; \$2.00 per 100; per 1000, \$15.00.

Incomparable Double. On account of the peculiar suffusion of the colors in the flower, this variety is also known as "Butter and Eggs." The color is yellow and orange, and makes an attractive cut bloom. Its greatest value is for outdoor planting, as it does not force so well. Height about 16 inches. 4c. each; per doz., 35c.; \$2.00 per 100; per 1000, \$15.00.

Orange Phœnix. A variety similar to the above, except for coloring, which is a light yellow, almost white, with a yellow centre. It is splendid for forcing or pot culture. It is also called "Eggs and Bacon." Height, 16 inches. 4c. each; per doz., 35c.; \$2.25 per 100; per 1000, \$17.50.



Sulphur (or Silver) Phœnix. Flowers very large, bluish-white; the centre is sulphur colored; excellent for forcing or outdoor planting. Height about 18 inches. 4c. each; per doz., 40c.; \$2.00 per 100; per 1000, \$17.50.

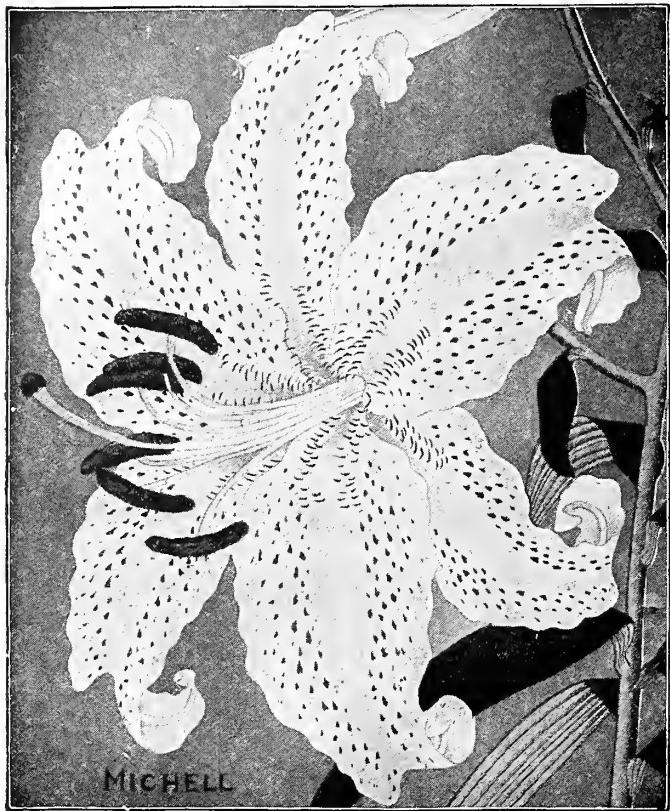


Von Sion (Telamonius Plenus). The true double daffodil. Our stock of these comes from one of the largest daffodil producers in Holland. The color is a pure golden yellow, entirely free from green-tipped flowers, which are often found in cheap grades. For forcing or outdoor planting it has no equal. It should be planted extensively for naturalizing. A bed or clump of these planted outdoors, and intermingled with plantings of Violas, Pansies or English Daisies, make a delightful early spring floral combination.

	Each	Doz.	100	1000
First Size Bulbs.....	\$0.04	\$0.35	\$2.25	\$20.00
Mammoth Size Bulbs .....	.05	.50	3.00	26.00

Monster Bulbs, producing three or more flowers per bulb. 8c. each; per doz., 70c.; \$5.00 per 100; per 1000 \$40.00.

Double Mixed Narcissus. All shades, varieties and colors. A quantity of these make a handsome investment and at the low price which they are offered should be planted extensively. Do not force the mixed narcissus. 3c each; per doz., 25c.; \$1.50 per 100; per 1000, \$12.00.



MICHELL

Lilium Auratum

JAPANESE LILIES

Auratum (*Golden Banded Lily from Japan*). Flowers of enormous size; pure white, spotted crimson; each petal is marked with a band of yellow. Flowers in August, delightfully fragrant.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circ.....	\$0.15	\$1.50	\$10.00
Mammoth Bulbs, 9 " 11 " .....	.20	2.00	15.00
Monster Bulbs, 11 " 13 " .....	.30	3.25	20.00

Melpomene. Rich deep pink, spotted dark red; very fragrant; height, 3½ feet; flowers in August.

	Ea	Doz.	100
Large Bulbs, 8 to 9 inch circ.....	\$0.15	\$1.50	\$10.00
Mammoth Bulbs, 9 " 11 " .....	.25	2.50	17.50

Speciosum Album. The best flowering pure white hardy garden lily, of easy culture. Height 4 feet; blooms August and September.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circ.....	\$0.20	\$2.00	\$15.00
Mammoth Bulbs, 9 " 11 " .....	.30	3.00	17.50

Speciosum Magnificum. An enormous flower rich deep pink, spotted crimson; height 3 feet; flowers in August.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circ.....	\$0.15	\$1.50	\$10.00
Mammoth Bulbs, 9 " 11 " .....	.25	2.50	15.00
Monster Bulbs, 11 " 13 " .....	.30	3.00	20.00
Jumbo Bulbs, 14 inch and over.....	.50	5.00	37.50

Speciosum Rubrum or Roseum. Delicate pink, almost white, spotted red; height 3 feet; August and September.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circ.....	\$0.15	\$1.50	\$10.00
Mammoth Bulbs, 9 " 11 " .....	.20	2.00	15.00
Monster Bulbs, 11 " 13 " .....	.30	3.00	20.00

Batemannii. Apricot colored; 3 feet; July.

Brownii. One of the most beautiful Lilies; pure white inside, outside brown, purple

Krameri. Blush pink; 3 feet; August.....

Macranthum. Giant Golden-banded Lily; immense flowers; August.....

Rubellum. A splendid dark pink variety, producing many flowers; 3 feet.....

Rubro-Vittatum. Spotted, purplish crimson. One of the finest of this class.....

Wittei. Very fragrant; white with yellow band; immense flowers.....

OLD-FASHIONED TIGER LILIES

The orange blossoms are heavily spotted maroon and borne in clusters of from 4 to 10 blooms on a straight heavy stalk, often 5 feet in height. Blooms in July.

Splendens (Single). Mammoth bulbs, 10c. each; doz., \$1.00; \$7.50 per 100.

Double. A double form of the above. Mammoth bulbs, 15c. each; doz., \$1.50; \$10.00 per 100.

LILIUM REGALE (*Myriophyllum*)

A new introduction from China, absolutely hardy, also splendid for forcing, white suffused pink, shaded canary yellow in the centre, of delicious fragrance. \$1.00 each; doz., \$10.00.

AMERICAN OR NATIVE LILIES

Canadense (Canadian Bellflower Lily). Bright yellow bell-shaped flowers; spotted black inside; June and July; 2 feet.....

Canadense Rubrum. Same as above, crimson with black spots.....

Elegans, Painted Chief. Bright red, flowering early June; 2 feet; large open flowers stand upright in clusters from 3 to 5 on a stout stem

Elegans, Leonard Joerg. Rich apricot pink

Hansonii. Often grows from 3 to 5 feet high, flowers reddish orange, 8 to 12 in a cluster; petals thick and durable.....

Henryi (New and Rare). Tall grower, often 7 feet; producing flowers of a distinct orange yellow in great profusion.....

Superbum (Turk's Cap Lily). One of the best lilies for all purposes; will succeed everywhere; according to location, will grow from 3 to 6 feet high and produce from 15 to 25 nodding brilliant orange red flowers on a single stalk during July.....

Tenuifolium (Coral Lily). Brilliant scarlet, bell-shaped flowers, of rather small size, hang downward on a small but gracefully formed tree-like plant; splendid for edges of borders, rockeries or cutting; foliage very slender; flowers in May.....

Umbellatum. A showy, massive lily, flowering in June; the broad, open flowers appear upward from 5 to 8 on a stout stalk, 3 feet high; color, a glowing orange scarlet; most effective when planted in clumps

15 1.50 10.00

LILIUM CANDIDUM

St. Joseph's, Madonna or Annunciation Lily (Ready Now.)

One of the most popular and satisfactory of the American garden lilies. Pure waxy white flowers produced on straight stems bearing anywhere from 10 to 30 blooms of good size and substance; delightfully fragrant. Effective plantings are the result of massing them in clumps or borders. Our bulbs are grown in Northern France, where they have a reputation of growing the finest in the world. To insure absolute success, plant the bulbs as early as possible—September preferred—6 inches deep, imbedded in sand and placed on their side; height, 4 feet; blooms in June. (Ready now.)

	Each	Doz.	100	1000
Large Bulbs	\$0.12	\$1.25	\$8.50	\$75.00
Mammoth Bulbs .....	.20	2.00	12.50	110.00
Monster Bulbs .....	.30	3.00	20.00	160.00

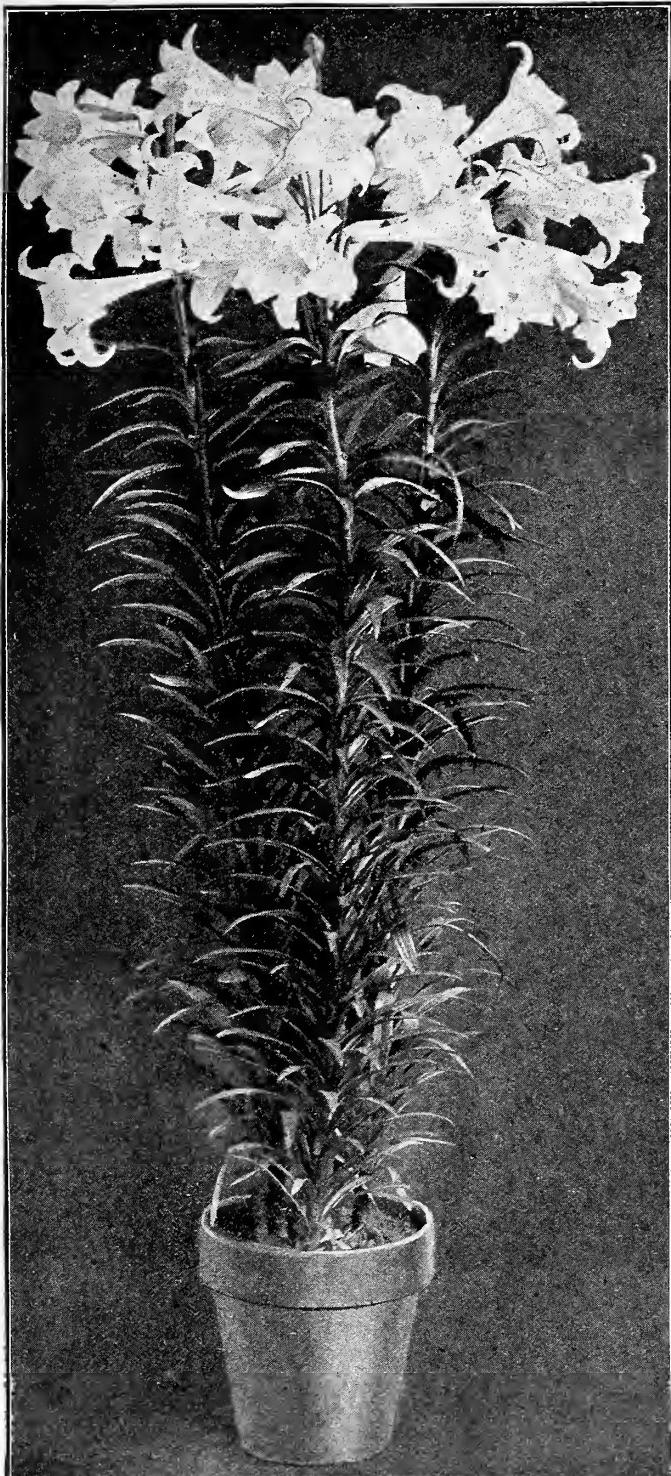
TESTIMONIAL FROM JAPAN

The bulbs arrived here this morning per parcel post. They were all in perfect condition. Let me express my thanks for the careful execution of my order.

Yours truly,
F. OYAMA, 49 Fushi Midai, Dairen.

MICHELL'S SUPERB EASTER LILY BULBS FOR INDOOR CULTURE

17



Cow Manure (Shredded). One sack of this is equal to one cartload of fresh cow manure, making it possible for every one to get this usually scarce article at all times. Excellent for mixing with soil when potting bulbs, especially lilies. 5 lbs., 35c.; 10 lbs., 60c.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00; 500 lbs., \$12.00; 1000 lbs., \$21.00; ton, \$40.00.

Cultural Note—In order to obtain best results, attention to the following brief directions will assist materially: Upon receiving the bulbs, pot them immediately. Place a handful of well-rotted cow manure in the bottom of the pot, add about one inch of soil, and place the bulb directly on top, covering it with soil. After watering, place in an outside pit; cover well with soil, ashes or any other suitable litter. When thoroughly rooted, bring inside, in a temperature of about 60°; let the plants grow slowly under a bench or some other suitable place until about 6 inches high; then place on top of the bench. About two months before Easter they can be brought into a warmer temperature and gradually forced into flower and height at one time. An occasional application of liquid cow manure will stimulate the plant wonderfully. Spray the foliage once a day. Never allow the soil to get very dry, and never feed, unless the soil is moist.

From our experience, which we are sure compares with the experience of growers themselves, we have found that the best results from Easter Lily Bulbs of any variety are obtained when the bulbs are planted in *fresh new soil*. Every batch of Easter Lilies that are potted should be in soil that has never been employed in greenhouse work. You will be surprised to note the difference and the satisfaction that you will get from your Lily Bulbs.

MICHELL'S "SPECIAL BRAND" HARRISII (True Bermuda Easter Lily)

Noted for freedom from disease, uniformity and free flowering qualities.

Size in Circum.	P. P. Wt. per doz.	Each	Doz.	100
6 to 7 inches	3 lbs.	\$0.15	\$1.50	\$9.00
7 to 9 "	3½ lbs.	.25	2.25	15.00
9 to 11 "	5 lbs.	.60	6.00	35.00
11 to 13 "	7 lbs.	1.00	10.00	....

LONGIFLORUM MULTIFLORUM

Michell's Special Brand (*Ready in October*)

This brand must not be compared with lower priced bulbs, as it is a distinct selection.

Size in Circum.	P. P. Wt. per doz.	Each	Doz.	100
7 to 9 inches	3½ lbs.	\$0.15	\$1.75	\$10.00
8 to 10 "	4 lbs.	.20	2.25	12.50
9 to 10 "	5 lbs.	.25	2.50	15.00
Monster Bulbs	7 lbs.	.75	7.50	....

FORMOSUM (The Formosa Easter Lily)

Similar to the **Bermuda Lily**, but blooms earlier.

Dark Stemmed Type

(Flowering generally in March and April.)

	Weight per doz.	Each	Doz.	100
6 to 8 inches circum.	2½ lbs.	\$0.15	\$1.50	\$8.00
7 to 9 " "	3½ lbs.	.20	2.25	13.50
9 to 10 " "	5 lbs.	.30	3.00	20.00
10 to 12 " "	7 lbs.	.50	5.00	37.50
Monster Bulbs	9 lbs.	1.00	10.00	....

Green Stemmed Type

(Flowering generally in January, February and March.)

	Weight per doz.	Each	Doz.	100
6 to 8 inches circum.	2½ lbs.	\$0.12	\$1.25	\$7.50
7 to 9 " "	3½ lbs.	.20	2.00	12.00
9 to 10 " "	5 lbs.	.25	2.50	17.50
10 to 12 " "	7 lbs.	.40	4.00	30.00
Monster Bulbs	9 lbs.	.75	7.50	....

LONGIFLORUM GIGANTEUM (True)

(Ready in October)

	Weight per doz.	Each	Doz.	100
6 to 8 inches circum.	2½ lbs.	\$0.12	\$1.25	\$7.50
7 to 9 " "	3½ lbs.	.20	2.00	12.00
9 to 10 " "	5 lbs.	.25	2.50	17.50
Monster Bulbs , 10 to 12 inches	7 lbs.	.75	7.50	....

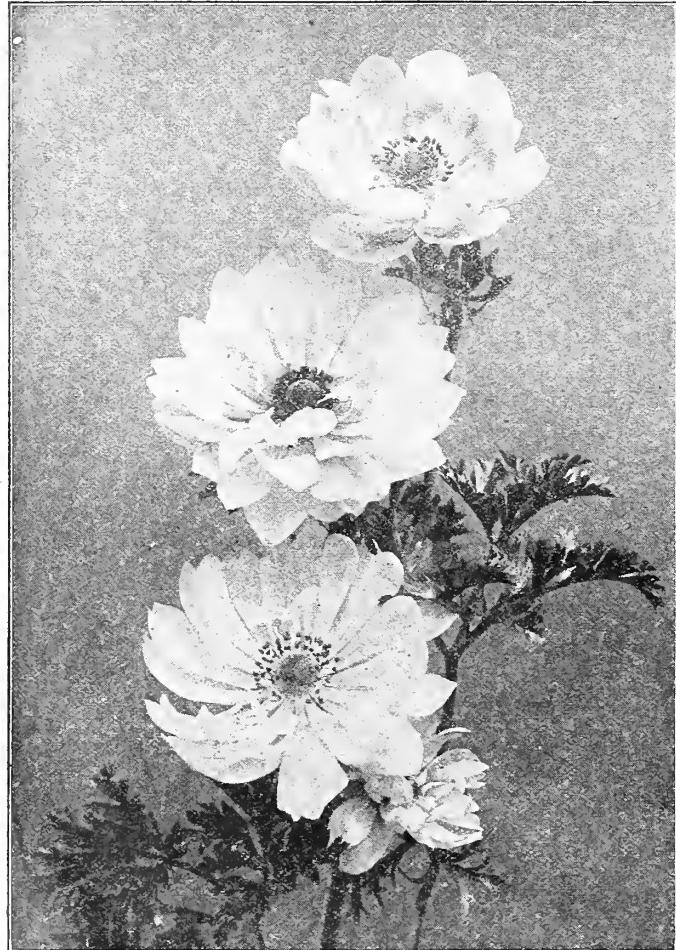
If Lilies are wanted by Parcel Post, please add postage at zone rates.

MICHELL'S MISCELLANEOUS BULBS

For Winter and Spring Flowering.

ACONITE—WINTER (*Eranthis Hyemalis*)

A very early golden yellow flowering bulb, blooming at the same time as the snowdrop. The foliage is quite dense and remains after the flower has died down. Aconite prefers a shady, moist location; perfectly hardy. Height about 6 inches. Dozen and 100 lots mailed free. 3c. each; doz., 25c.; \$1.10 per 100; per 1000, \$9.00.



Anemone "St. Brigid"

ANEMONES (Wind Flowers)

Splendid for cutting. Specially adapted for growing in conservatories or cold frames. If planted outdoors in the fall, they must be well protected with leaves or other litter. If you are unable to tell which is the top or bottom of the bulb, plant it on its side. Parcel Post Weight, per 100, 1 lb.

CORONARIA OR POPPY FLOWERING TYPES

	Each	Doz.	100	1000
Single Scarlet	\$0.03	\$0.20	\$1.25	\$10.00
" Blue .....	.03	.25	1.35	12.00
" White (<i>The Bride</i>) .....	.03	.20	1.00	8.00
" Mixed, all colors.....	.03	.20	1.00	7.50
Double Salmon King. Salmon.....	.04	.35	2.00	15.00
" Feu Superbe. Scarlet.....	.04	.35	2.00	15.00
" Ceres. Pure white.....	.04	.35	2.00	15.00
" King of the Blues. Dark blue .....	.04	.35	2.00	15.00
" Mixed. All colors .....	.03	.25	1.50	12.00

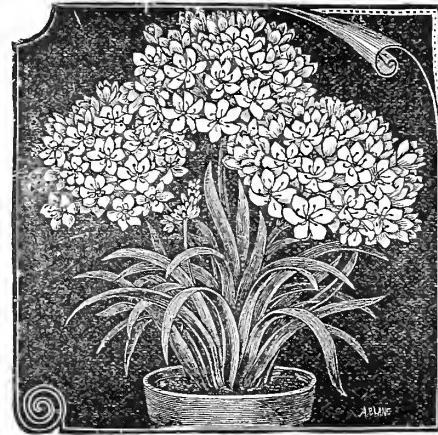
Anemone, St. Brigid (Semi Double). A giant flowering type of Irish origin, magnificent blooms, often 5 inches across, of the richest and daintiest colors, covering maroon, scarlet, blood red, old rose, pink, blue, purple, mauve, yellow, cream white. Mixed Colors. 4c. each; doz., 35c.; \$2.00 per 100; per 1000, \$15.00.

ANEMONES (Continued)

CORONARIA OR POPPY FLOWERING TYPES

<i>Fulgens</i> (<i>Single</i>). Dazzling scarlet flowers surrounded with graceful foliage, makes a pot of these a most desirable acquisition.
Each, 5c.; 50c. per doz.; per 100, \$3.00; \$25.00 per 1000.
<i>Caen Mixed</i> . The best mixture for Each Doz. 100 1000 forcing \$0.04 \$0.30 \$1.50 \$12.00

ALLIUM



Allium Neapolitanum

AMARYLLIS

One of the most gorgeous showy house plants, giving splendid satisfaction, not only because of their requiring little care, but of their everlasting nature and tendency to increase.

Cultural Directions.—Place bulbs in live moss, only moderately moist, near a window of a warm room. Watch the bulbs carefully, and when the first sign of growth appears through the top, get a six-inch pot and be ready to pot up. The soil to be used should be fairly rich and when the bulb is set, most of it should be above the soil. Be moderate in watering first, but increase as growth increases, then place in a warm, light room near the window.

Belladonna. A beautiful bright pink. 15c. each; per doz., \$1.50.

Formosissima. Crimson. 10c. each; per doz., \$1.00.

Hybrids of Vittata. Beautiful species, flowers striped and flaked. 50c. each; per doz., \$5.00.

Johnsoni. A very large crimson sort, striped white. *Mammoth* bulbs, 50c. each; per doz., \$5.00. First size bulbs, 35c. each; per doz., \$3.50.

SMALL AMARYLLIS OR ZEPHYRANTHES (See page 25)

CHIONODOXA (Glory of the Snow)

One of the first flowers to appear in the spring. They are frequently planted in masses on a lawn like Crocus. For edging other early flowering bulb beds they are well suited. Height about 6 inches. Parcel Post Weight per 100, 3 lbs.

Gigantea. Large flowers; color lilac blue, white centre. Each, 3c.; 25c. per doz.; per 100, \$1.35; \$11.00 per 1000.

Luciliae. Bright blue with white centre. 20c. per doz.; per 100, \$1.25; \$9.50 per 1000.

Sardensis. Very deep blue with white centre. 20c. per doz.; per 100, \$1.10; \$9.00 per 1000.

CYCLAMEN PERSICUM GIGANTEUM (Bulbs)

These are amongst our most beautiful and interesting winter and spring-flowering bulbs for window and greenhouse.

Dark Red, Light Red, Clear Pink, Light Pink with Carmine Eye, White with Carmine Eye, Pure White.

	Each	Doz.	100
Each color separate	\$0.20	\$2.00	\$12.00
<i>Glory of Wandsbeck.</i> Dark Red.....	.20	2.00	12.00
<i>Glory of Wandsbeck.</i> Light Red.....	.20	2.00	12.00

MICHELL'S MISCELLANEOUS BULBS

19

BEGONIAS (Tuberous Rooted)

(Ready in January)

There hardly is a single garden in which there are semi or entirely shaded spots where the average flower will not grow; such places are ideal for this flower; yet it will make a dazzling show in the open. Enormous wax-like flowers appear uninterruptedly from June till frost. The bright flowers contrast well with the deep-colored foliage. The bulbs must be lifted in the fall. Plant bulbs outdoors about May 1st.

SINGLE VARIETIES

	Each	Doz.	100		Each	Doz.	100
Crimson	\$0.10	\$1.00	\$6.00	Scarlet	\$0.10	\$1.00	\$6.00
Orange	.10	1.00	6.00	White	.10	1.00	6.00
Pink	.10	1.00	6.00	Yellow	.10	1.00	6.00
Mixed					.07	.75	5.00

DOUBLE VARIETIES

	Each	Doz.	100
In separate colors as above	\$0.15	\$1.25	\$8.00
Mixed, all colors	.12	1.20	8.00

NAMED VARIETIES

Lafayette.	Brilliant crimson	\$0.20	\$2.00	\$15.00
Graf Zeppelin.	Double; vermillion	.15	1.50	11.00
Bertini.	Brilliant vermillion; single	.15	1.50	11.00
Phosphorescent.	Brilliant scarlet	.25	2.25	15.00

CRISTATA (New)

Beautifully crested single flowers. Red, orange, rose, white, yellow separate. 15c. each; doz., \$1.50; \$10.00 per 100.

NEW FRINGED VARIETIES (Crispa)

The edge of each flower petal is exquisitely frilled and crested, giving unto the flower a charming appearance. Every one who grows Tuberous Begonias should plant some of this variety.

Mixed Colors (Single). 12c. each; doz., \$1.00; \$7.00 per 100.

Separate Colors (Single). 15c. each; doz., \$1.25; \$8.00 per 100.

Double Fringed. Mixed all colors. 20c. each; doz., \$2.00; \$15.00 per 100.



White Calla Lily

CALLA LILY BULBS

Callas require good, rich soil and plenty of warmth and water to make them thrive. The White Calla may also be grown in water. The black variety does not require so much moisture. When through flowering the pots may be laid on their side to allow the tops of bulb to die off. The plant may thus be used another season. Plant Callas indoors only.

GODFREY DWARF EVERBLOOMING CALLA (New)

This comparatively new calla has proven an excellent one, its character is exactly like the *Aethiopica* or regular variety, except it is of much dwarfed habit and freer bloomer; very desirable as a pot plant, and will, we believe, be very popular in a short while. Large blooming size bulbs, 25c. each; doz., \$2.50; \$15.00 per 100.

CALIFORNIA CALLAS

	Each	Doz.	100
White, Monster Size,	2 to 2½ in. circ.	\$0.50	\$5.00
" Mammoth Size,	1¾ " 2 "	.30	3.00
" Medium Size,	1½ " 1¾ " ..	.20	2.00
" First Size,	1¼ " 1½ " ..	.15	1.50

Spotted Calla. White flower, green foliage spotted white (ready in October). 15c. each; per doz., \$1.25; \$8.00 per 100.

Yellow Calla (*Elliottiana*). Ready in November. The deep golden yellow flowers are truly magnificent, and produced in abundance. The green foliage is spotted creamy white, which adds to its beauty. 25c. each; doz., \$2.50; \$17.50 per 100.



DIELYTRA (Bleeding Heart)

(Ready in November)

Spectabilis. The heart-shaped flowers are produced on long drooping stems, of a beautiful rose and white color combination. After blooming, the foliage makes a very attractive appearance. Dielytra forces very readily in a greenhouse or conservatory. Parcel Post Weight, 1 lb. each; doz., 10 lbs. 25c. each; doz., \$2.50; \$17.50 per 100.

TESTIMONIAL ON MICHELL'S BULBS

COMMISSIONERS OF LUZERNE COUNTY
WILKES-BARRE, PA.

The bulbs received from you last year were first-class in every way and gave results that were very much appreciated by the Commissioners as well as the public in general.

Court House, Wilkes-Barre, Pa.

N. C. KEELY.

MICHELL'S MISCELLANEOUS BULBS



MICHELL'S MAMMOTH FLOWERING CHINESE LILIES

(See illustration.)

This type of *Narcissus (Orientalis)* is also known as Joss Flower, Shui Sin Far, or Flower of the Gods, is a most remarkable house flower, producing its beautiful, fragrant blossoms of white and yellow in the astonishingly short time of 4 to 6 weeks. Popularly they are grown in bowls of water and pebbles; the most satisfactory method of treating them is as follows:

Place from 3 to 6 bulbs in a bowl on top of pebbles to the depth of 2 inches; also place a piece of charcoal with the pebbles to keep the water sweet. Place more pebbles around the bulbs so they will not topple over and then fill the bowl with water to the top of pebbles. After being planted they should be stored for three weeks in a cool, dark corner and then brought forth to a light but cool place, where they will grow to the highest point of perfection. Excessive heat produces quick growth but will blight the buds and no flowers are the result; they also do best where no coal stoves or gas-lights are used in the room where they flower.

They may of course also be grown in pots with soil or sand, bulbs, fibre and moss. To have succession of blooms start a fresh bowl every 2 weeks.

Basket of
Each 3 Bulbs Doz. 30 Bulbs

Large Bulbs	\$0.15	\$0.40	\$1.50	\$3.00
Mammoth Bulbs .....	.20	.50	2.00	4.50
Monster Bulbs .....	.30	.75	2.75	6.00

Parcel Post Weight of Chinese Lilies 4 lbs. per dozen.
Single bulbs mailed free.

GOLDEN CHINESE LILY

A beautiful variety. The centre cup is deep yellow while the perianth is lighter. Treat exactly the same as the regular Chinese Lily. Very fragrant.

Large Bulbs—5c. each; per doz., 50c.; \$3.25 per 100.

Glass Bowls for Chinese Lilies. For one bulb—15c. each; per doz., \$1.50. For three bulbs—25c. each; per doz., \$2.50 (not mailable).

Pebbles for Chinese Lilies. Carefully screened and selected. 10c. per qt.; 50c. per peck; bushel, \$1.50; \$3.50 per barrel. (Pebbles cannot be mailed.)

CROWN IMPERIAL

(*Fritillaria Imperialis*)

A majestic plant appearing in its grandeur in the early spring before the trees burst into leaf. The large bulbs produce stout stems 3 to 4 feet long with a crown-like cluster of bell-shaped flowers at the top, which are gorgeous in coloring. These are ideal for planting in hardy borders or shrub beds, but should be massed at least six in a clump. We furnish Mammoth Bulbs only. Parcel Post Weight, per doz., 4 lbs.

	Each	Doz.	100
Single Red	\$0.20	\$2.00	\$15.00
Single Yellow .....	.20	2.00	15.00
Crown Upon Crown. Several whorls of flowers, one above the other.....	.20	2.00	15.00
Single Mixed .....	.15	1.50	10.00

EREMURUS (*Ready in November*)

These splendid, stately plants deserve a place in every garden. The foliage is Yucca-like, from which arise the majestic flower stalks, from 4 to 7 feet high. The miniature flowers encircle the stem fully two-thirds its entire length. Perfectly hardy.

Himalaicus. Peach pink. \$1.00 each; doz., \$10.00.

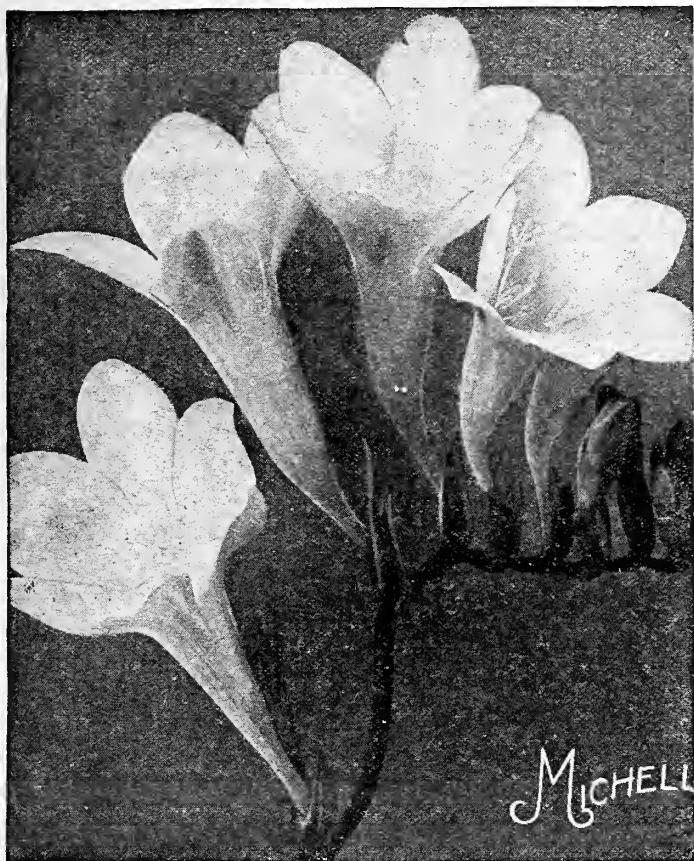
Robustus. Deep rose. \$1.00 each; doz., \$10.00.

GLOXINIAS (*Ready in January*)

Gorgeous plants for either conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until after May 15th. Bulbs must be lifted in the fall.

	Each	Doz.	100
Cattleya. Orchid pink.....	\$0.20	\$2.00	\$15.00
Defiance. Brilliant scarlet.....	.20	2.00	15.00
Emperor William. Ultramarine blue.....	.20	2.00	15.00
King of Reds. Bright crimson.....	.20	2.00	15.00
Graf Zeppelin. Carmine, fringed.....	.20	2.00	15.00
Unnamed varieties in the following colors: Red and Scarlet, White, Blue, White Spotted Scarlet, Scarlet Bordered White, Blue Bordered White. 15c. each; per doz., \$1.25; \$8.00 per 100.			

Mixed Colors, 12c. each; per doz., \$1.25; \$8.00 per 100. Single bulbs mailed free; for dozen lots add 10c. for postage.



Purity Freesia

FREESIAS

Purity. This is the grandest freesia ever offered. The flowers are almost twice the size of the regular type; they also differ somewhat, being a pure glistening white; the stems are often 15 inches long and very wiry, rendering it a most valuable cut flower. The Jumbo bulbs will produce 3 or 4 flower stems.

	Each	Doz.	100	1000
First Size Bulbs	\$.04	\$.40	\$2.25	\$20.00
Mammoth Size Bulbs.....	.05	.50	2.75	22.50
Monster Size Bulbs .....	.10	1.00	6.00	55.00
Jumbo Bulbs .....	.15	1.50	9.00	70.00

Bermuda. Pure white:

First Size .....	.03	.20	1.25	10.00
Mammoth Size .....	.04	.30	1.75	12.50
Monster Size .....	.05	.50	3.50	25.00

California. White with yellow throat:

First Size .....	.03	.20	1.25	10.00
Mammoth Size .....	.04	.30	2.00	12.50
Monster Size .....	.05	.50	3.00	25.00

Leichtlini. (Ready in September).

Outside of flower is white, while inside is yellow..... .05 .50 2.75 25.00

Excelsior. Pure white; robust growth; very dwarf foliage..... .08 .75 4.50 40.00

FREESIA, "MICHELL'S RAINBOW MIXTURE" (Of Colored Varieties)

We have the pleasure of offering to our customers, bulbs of beautiful colored Freesias, embracing light and dark rose, lavender, yellow, orange, salmon and red. The flowers are nearly as large as the "Purity," are of great substance and are produced on long, stiff stems. They are very fragrant and last a long while, after being cut. *In mixture of color only.* 10c. each; doz., \$1.00; \$7.50 per 100; per 1000, \$65.00.

WINTER FLOWERING GLADIOLUS

CARDINALIS, NANUS OR COLVILLI TYPES

(Ready in October)

Winter-flowering strains of slender growth with beautiful orchid-like flowers, which are ideal for growing in the hot-house or conservatory. As soon as received, the bulbs should be planted in flats or pans and stored in a cold-frame or other protected place. About February 1st they should be brought into gentle heat and light. They cannot stand quick forcing and should not be brought into bloom until April or May.

If planted outdoors, they should be put about 4 inches deep with at least a covering of from 4 to 6 inches of leaves or dry manure.

	Each	Doz.	100	1000
Colvilli Alba (Bride). Pure white..	\$.03	\$.25	\$1.50	\$10.00
Blushing Bride (Delicatissima). White, blotched blood red on the three lower petals .....	.03	.25	1.50	10.00
Peach Blossom. Beautiful soft salmon pink, with a deeper blotch of the same color.....	.03	.25	1.50	12.50
Modesty. Soft delicate lavender, blotched mauve .....	.04	.35	2.00	16.00
Ne Plus Ultra. Brilliant scarlet, blotched pure white, a most attractive flower, larger than any of the foregoing varieties .....	.04	.35	2.00	16.00

In December we can also supply all other varieties of Gladiolus; suitable for forcing.

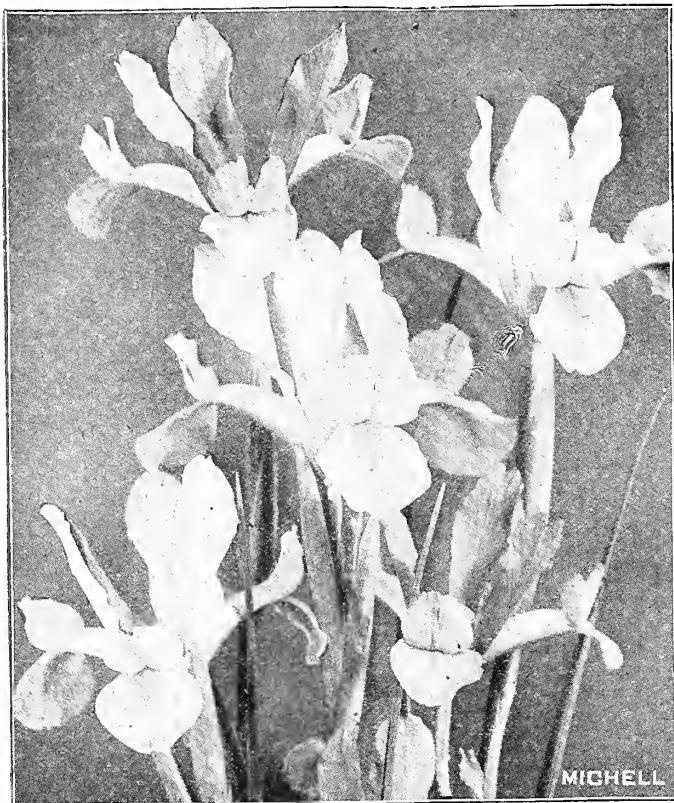


New Forcing Gladiolus "Blushing Bride"

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates

(hi)

MICHELL'S MISCELLANEOUS BULBS



Spanish Iris "Blanche Superbe"

MICHELL

IRIS HISPANICA (Spanish Iris)

Graceful, slender stems, a loose but beautiful flower, the charming colors thereof produce a combination not surpassed by an orchid. The finest effects with them are produced when planted in clumps in the perennial border or by themselves; the stems are from 18 to 24 inches long; flowering period in May and early June. They may also be grown in pots indoors. *Parcel Post Weight, per 100, 2 lbs.*

	Doz.	100	1000
Adeline Patti. Dark bronze.....	\$0.20	\$1.25	\$8.00
Alex. Von Humboldt. Light blue.....	.20	1.25	8.00
Belle Chinoise. Dark yellow .....	.20	1.25	8.00
Blanche Superbe. Pure white.....	.20	1.25	8.00
British Queen. White, extra fine.....	.20	1.25	8.00
Cajanus. Clear yellow, extra large.....	.20	1.25	8.00
Chrysolora. Deep yellow .....	.20	1.25	8.00
Emperor of the West. Bronze.....	.20	1.25	8.00
Filifolia (New). Beautiful deep blue; 2 weeks earlier in flower than any other Iris Hispanica .....	.50	3.00	22.50
Grace Darling. Deep purple .....	.20	1.25	8.00
King of the Blues. Deep blue, sweet scented	.20	1.25	8.00
Midley. Pale blue, early forcer.....	.20	1.25	8.00
Sapho. Very fine bronze.....	.20	1.25	8.00
Snowball. Pure white, extra .....	.20	1.25	8.00
Thunderbolt. Rich bronze.....	.30	1.75	13.00
Mixed Colors	15	75	6.00

IRIS HOLLANDIA

These Iris are a cross between Iris Hispanica and an early flowering South African species. They produce very large and substantial flowers and bloom fully 2 weeks earlier than Iris hispanica.

	Each	Doz.	100
Albert Cuyp. Almost white, lavender falls...	\$0.08	\$0.75	\$5.00
Anton Mauve. Soft blue .....	.08	.75	5.00
David Teniers. Pale lavender, falls lemon yellow .....	.08	.75	5.00
Vander Neer. Pale lavender, yellow falls..	.08	.75	5.00

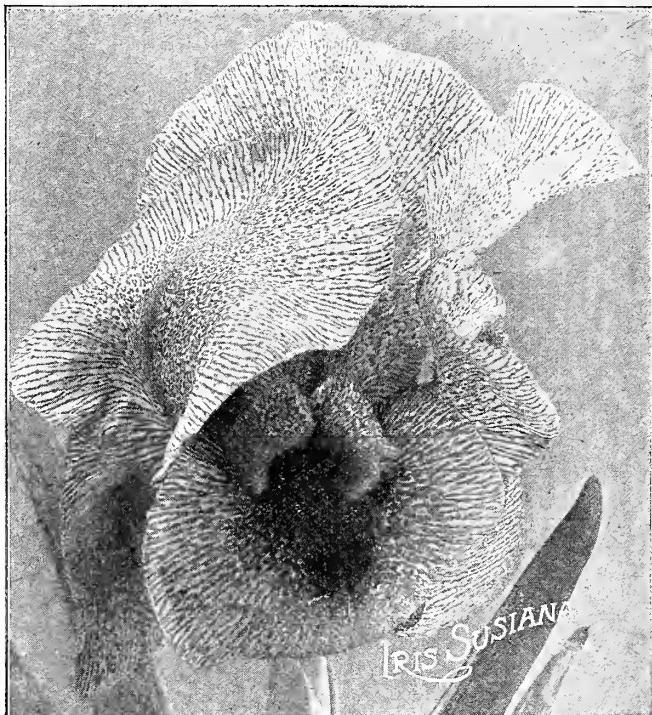
IRIS TINGITANA

A beautiful light blue; excellent for early forcing; can easily be had in bloom in December. The best novelty in the Iris bulb line. 15c. each; doz., \$1.25; \$7.50 per 100.

IRIS ANGLICA (English Iris)

This type is very similar in character to the Spanish varieties, somewhat dwarfer, more robust, with heavier foliage and larger flowers, flowering two weeks later. These are not suited to forcing, blooming in June. *Parcel Post Weight, 3 lbs per 100.*

	Each	Doz.	100	1000
Blanche Fleur. Pure white.....	\$0.05	\$0.40	\$2.25	\$18.00
L'Unique. Bright claret .....	.05	.40	2.25	18.00
Argus. Pink and white.....	.05	.40	2.25	18.00
Bavaria. Light blue.....	.05	.40	2.25	18.00
Mixed. All colors.....	.03	.25	1.50	12.00



IRIS SUSIANA (Mourning Iris)

A variety originating in Asia Minor, representing a class entirely in itself, both in habit, form and color. The massive, truly gigantic flowers when fully developed often measure 4½ inches in height and 5 inches across, a most distinct coloring, viz.: grayish white, finely penciled, mottled and striped deep brown; the inner galls are a solid maroon shade, coated velvety and covered with long attractive hairs. They may be grown in pots or in the border. If planted outdoors, select a well-protected location; add sand to a heavy soil and dry manure. Cover with long manure during winter.

Strong Bulbs, 20c. each; \$1.50 doz.; 100, \$10.00.

IRIS PAVONIA (Peacock)

Small flowers of light blue petals and deep blue eyes; a most wonderful coloring, surpassing that of any orchid. 5c. each; 50c. doz.; per 100, \$2.75; \$20.00 per 1000.

IXIA

A charming little stove and conservatory bulb. It may also be planted outdoors if put in a protected position with plenty of covering during winter, in well-drained soil.

Crateroides. (Unable to supply this season.)

Mixed. 15c. per doz.; per 100, 85c.; \$6.00 per 1000.

MICHELL'S MISCELLANEOUS BULBS AND ROOTS

23

LEUCOJUM VERNUM (Spring Snowflake)

Parcel Post Weight, 1 lb. per 100

A beautiful early flowering bulb, rivaling for earliness with the snowdrop. Planted in clumps of from 25 to 100 bulbs among shrubbery in herbaceous beds, they show off to best advantage; color, pure white tipped green on the flower petal. These may also be forced gently for indoor blooming, flowering then about March; outdoors they bloom just as winter breaks up and the last snow is melting; we can recommend it highly; height about 7 inches. 4c. each; per doz., 30c.; \$1.75 per 100; per 1000, \$15.00.

LILY OF THE VALLEY (Ready in December)

A beautiful pure white flower; principally used for winter forcing. Very fragrant and produced in abundance. For indoor culture plant about 25 pips or roots in a 7-inch pot or pan, place outside, where they should be left until they have been subjected to several nights' freezing, which brings them into flower more readily. When grown outdoors always plant in a shaded place, preferably moist. For outdoor culture, we especially recommend the clumps, as they give a quicker and better effect at less cost. Parcel Post Weight, 6 lbs. per 100.



Michell's Fancy Giant Flowering. The finest strain of Valley procurable. 50c. per doz.; per 100, \$3.50; \$32.00 per 1000.

First Quality Brand (3 year old pips). For forcing. 40c per doz.; \$3.00 per 100; per 1000, \$27.50.

Clumps. (Ready in November.) For outdoor planting only. 30c. per clump; per doz., \$3.00; \$20.00 per 100.

COLD STORAGE LILY OF THE VALLEY

Constantly on Hand

Michell's Fancy Giant Flowering. 50 for \$2.75; \$5.00 per 100; 250 for \$11.00.

MONTBRETIA (Ready in December)

A beautiful flowering bulb resembling a miniature Gladiolus, absolutely hardy, and only effective if planted in masses from 50 to 100 bulbs in a clump.

	Each	Doz.	100	1000
Aurantiaca. Deep golden yellow....	\$0.03	\$0.30	\$2.00	\$17.50
Crocosmiaeflora. Scarlet and yellow .03	.30	2.00	17.50	
Etoile de Feu. Vermilion, yellow centre .03	.30	2.00	17.50	
Germania. Orange scarlet; very large .05	.50	2.50	20.00	
Pottsi. Large; orange scarlet.....	.03	.30	2.00	17.50
Rayon d'Or. Light yellow, spotted brown .....	.03	.30	2.00	17.50
Speciosa. Golden yellow.....	.03	.30	2.00	17.50

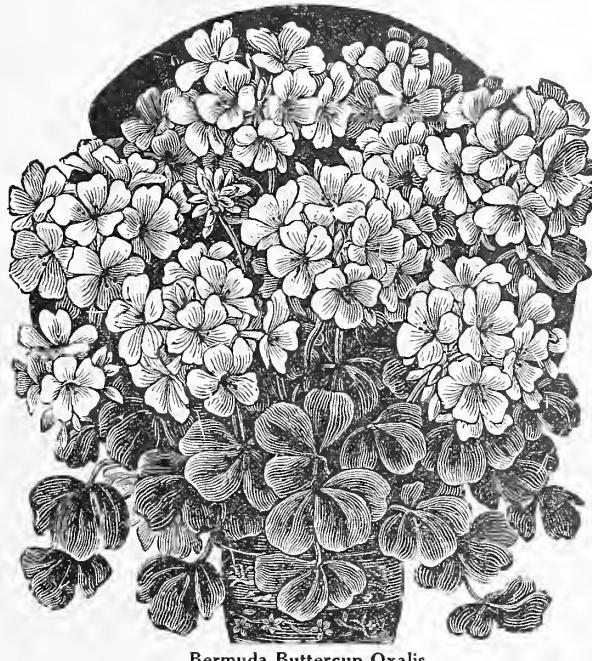
MUSCARI BOTRYOIDES (Grape Hyacinth)

As boys and girls we probably knew these better as "Blue Bells"; this charming bulb is worthy of the best place in the flower garden. Plant them in clusters of 25 or more bulbs; for edging in double rows they are very effective around late tulip or daffodil beds. For forcing, 12 or more to a 6-inch pot or pan, they are fine, being handled like forcing tulips or hyacinths; outdoors they bloom in May; height, 6 inches.

	Each	100	1000
Album. White	\$0.20	\$1.00	\$8.50

	Each	Doz.	100	1000
Coeruleum. Blue .....	.15	.85	6.50	

Monstrosum (Feathered or Plumed Hyacinths). This type is a violet blue, very interesting, resembling a wavy plume; grows about 12 inches high and thrives anywhere. Per doz., 25c.; \$1.25 per 100; per 1000, \$10.00.



Bermuda Buttercup Oxalis

OXALIS (Winter Flowering)

For conservatory, greenhouse and window garden culture the Oxalis is ideal. It succeeds anywhere and with any one, flowering often in 6 to 8 weeks after planting. The Grand Duchess and Buttercup class are best for pot culture, the others for hanging basket purposes, although all may be grown successfully either way. Plant at least six bulbs of any variety in a suitable size receptacle, place them in a cool, dark place for about two to three weeks till thoroughly rooted, watering as required. The flowering period extends during the entire winter. For indoor planting only. To keep Oxalis free from insects, an occasional application of tobacco dust has proven to be best.

Bermuda Buttercup. Pure yellow, free flowering variety. First size Each bulbs \$0.03 Doz. \$0.25 \$1.75 \$13.00
Monster bulbs05 .50 3.00 25.00

Bowei. Large flowering, rich, pink, very beautiful. First size bulbs... .03 .25 1.50 12.00
Bowei. Giant bulbs..... .05 .50 3.00

Grand Duchess. A distinct bushy upright growing variety, suited best for pot culture; the flowers are gigantic: Yellow03 .25 1.50 12.50
Lavender03 .25 1.50 12.50
White03 .25 1.50 12.50
Pink03 .25 1.50 12.50

Double Yellow (*Lutea*, *Fl. Pleno*)... .05 .40 2.50 18.00

Pink (*Hirta Rosca*)..... .03 .25 1.50 10.00

Versicolor. Red, Violet and White.. .03 .25 1.50 10.00

White (*Mutabilis Alba*)05 .50 3.50 30.00

Yellow (*Lutea Simpler*). Single.... .03 .25 1.75 14.00

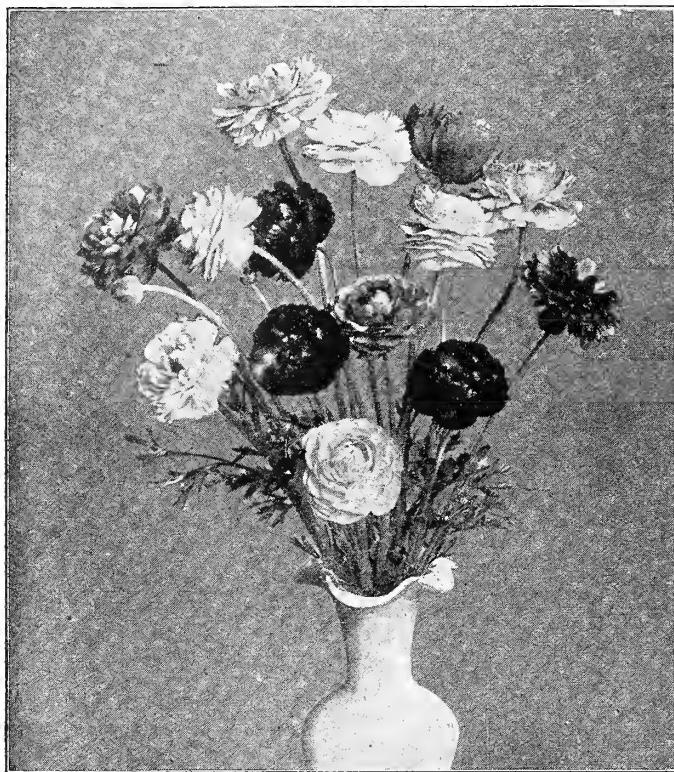
Mixed. All colors02 .15 1.00 8.00

ORNITHOGALUM (Star of Bethlehem)

An attractive flowering bulb for either indoor or outdoor culture. Pure white petal, petal streaked light green with a black flower centre. These are highly fragrant and are especially desirable for planting in woodlands for naturalizing; when used for this purpose, 6 to 12 bulbs should be planted in a clump. For indoor culture treat them like hyacinths. Flowering time outdoors, April and May; sweet scented blooms appearing in umbels of 8 or 10 flowers to a stalk; height, 1 foot.

Arabicum (P. P. Wt., 2 lbs. per doz.). \$0.05 Doz. \$0.50 \$3.50 \$25.00

MICHELL'S MISCELLANEOUS BULBS



A Vase of Ranunculus Flowers

RANUNCULUS (Buttercups)

(See illustration)

An attractive flower resembling a giant double buttercup or small double poppy. They should be grown in pots indoors for winter blooming or in frames outdoors for early spring flowering. The bulbs retain their substance for a long while and may also be planted outdoors latter part of March or early April in a shaded place (moist preferred), then blooming in June. They cover every shade of crimson, white, purple and yellow; height, 12 inches.

Each Doz. 100 1000

Double Giant Persian. Mixed..... \$0.02 \$0.15 \$1.00 \$7.50
Double Giant French. Mixed..... .02 .15 1.00 7.50
Double Giant Turban. Mixed..... .02 .15 1.00 7.50

PUSCHKINIA LIBANOTICA (Striped Squill or Scilloides)

This belongs to the family of Scillas and is among the most beautiful of all. The flowers, which are borne on spikes, are a beautiful combination of white and pale blue, having a stripe of the latter down each flower petal. Especially desirable for edging beds and borders or for planting in clumps of 25 to 100 bulbs; it can be flowered very easily indoors; plant 12 to 25 bulbs in a suitable pot or pan and leave covered outdoors until thoroughly rooted; height, 6 to 8 inches; flowering outdoors in April and May. 3c. each; doz., 25c.; \$1.50 per 100; per 1000, \$12.00.

PANCRAZIUM LILY (Ismene)

As a summer and winter flowering bulb this has few equals; planted outdoors in May it will bloom all season. In September it may be lifted, allowed to die off and started in pots about December, 1 bulb to a pot. It usually commences flowering three weeks after planting; height, 12 inches; flowers a beautiful waxy white and deliciously fragrant. Large bulbs, 20c. each; per doz., \$1.75; \$12.50 per 100.

SPARAXIS

A small bulb bearing a very large flower, often 2 inches across, on long, graceful stems; they resemble somewhat the Ixia in shape. For indoor blooming only. Plant 6 to 12 bulbs in a pot for the best effect.

Mixed Colors. 2c. each; per doz., 15c.; 85c. per 100; \$6.50 per 1000.

SCILLAS (Squills, Wood Hyacinths, Blue Bells, etc.)

For massing round tulip, hyacinth or even daffodil beds nothing can equal the Scilla; among shrubbery in herbaceous beds in clusters of 50 or more bulbs its blaze of color is wonderfully effective. Once planted it remains for years. They all do well if planted indoors in pots or pans, not less than a dozen to a crock, a continuous flowering period may thus be had from Christmas until April.

Campanulata (Wood Hyacinth). Tall flowering type, with broad fleshy foliage.

	Doz.	100	1000
Blue .....	.25	\$1.25	\$9.00
White .....	.25	1.25	10.00
Pink .....	.25	1.25	10.00
Sibirica. Blue; first size bulbs.....	.20	1.00	8.00
“ mammoth bulbs .....	.25	1.50	12.50

Parcel Post Weight of Scilla Sibirica, 1 lb. per 100. Weight of Scilla Campanulata, 3 lbs. per 100.



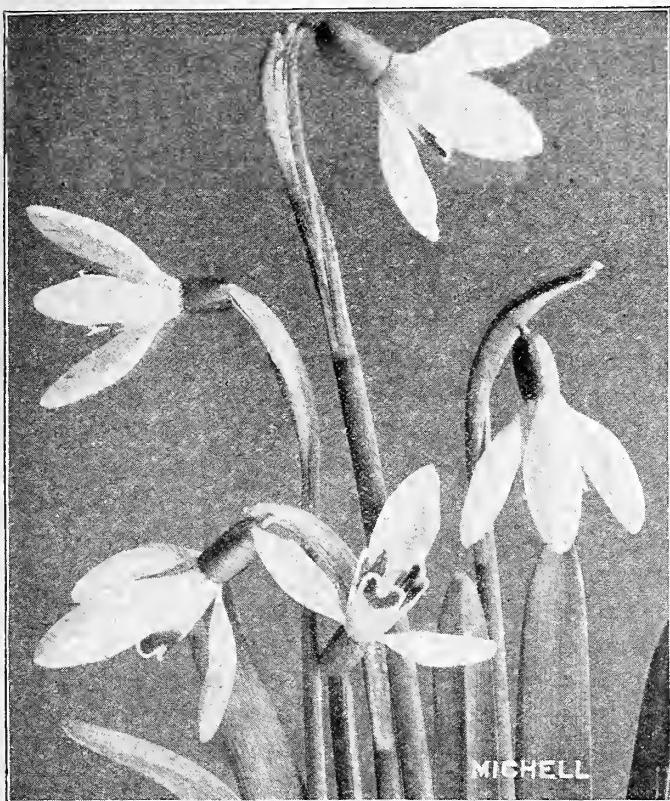
Scilla Sibirica

MICHELL'S BULB GROWING GUIDE

Bound into a heavy cover, we have issued the above booklet containing not only the most up-to-date cultural directions in general but giving a very concise detail to what use each variety is best put to and in addition describing very explicitly each and every bulb offered in this catalogue. We want every bulb grower to possess this instructive guide. Mailed or handed free to every applicant.

ORDER BULBS EARLY

Our bulbs have such a splendid reputation we are frequently sold out of some varieties early. We, therefore, recommend the placing of orders as soon as our Catalogue is received.



Giant Single Snowdrops

SNOWDROPS (*Galanthus*)

No spring flowering bulb plays a more important part in the garden than does this somewhat insignificant variety. 'Neath ice and snow often early in March; yes, frequently in February you can see it sticking forth its flower spike as though exclaiming, I can't wait for spring to come. What can gladden the heart more than this? A combination of Crocus, Scillas and Snowdrops make a glorious effect when planted promiscuously in a border; one follows the other in flowering and a change of color with each one suggests a floral treat hard to equal at the time of year they flower—February till April. They are perfectly hardy; should be planted in masses of 50 or more bulbs. They also flower well in pots indoors.

Each Doz. 100 1000

Single Giant. Pure white..... 0.02 \$0.20 \$1.25 \$10.00

Double. Pure white..... .03 .30 1.75 15.00

ZEPHYRANTHES (Fairy Lily)

A splendid pot plant for winter, of easiest culture. Planted outdoors in May, they flower the entire season.

Each Doz.

Treatea Rosea. Pink flowers... (Per 100, \$4.50) \$0.06 \$0.60

Treatea Alba. White flowers..(Per 100, \$4.50) .06 .60

SPRING SNOWFLAKE (*Leucojum Vernum*)

Beautiful early flowering bulb, rivaling for earliness the Snowdrop. Plant in clumps of 25 to 100 bulbs, for a good effect. Color, pure white tipped green; may also be used for flowering indoors; height, about 7 inches. Each, 4c.; 30c. doz.; per 100, \$1.75; \$15.00 per 1000.

SPIREA (*Astilbe*)

This is a favorite Easter flowering plant rivaling with the lily. If wanted for indoor blooming, pot the roots on arrival, water well and place outdoors for about 6 to 8 weeks. They may be brought in and placed in a moderately warm room, the cooler, without freezing, however, the better. They can be made to flower almost any time by bringing them to a warmer place. For outdoor they are fine in hardy borders; flowering in June. Parcel Post Weight, 2 lbs. each.

Note:—We have discontinued the varieties, "Compacta," "Japonica," and "Astilboidea Floribunda," as other varieties, which are better, have superseded them.

America (New). A very beautiful lilac-rose colored variety, having the same habit, large feathery panicles and forcing qualities of Gladstone. Well grown pots of this variety in bloom are certainly most attractive. Large clumps. Each, 40c.; \$3.00 doz.; per 100, \$17.50.

Gladstone. This popular, large-flowering Spiraea is a wonderful improvement over all other white-flowering varieties, and is, no doubt, the most beautiful Easter and spring-flowering pot plant grown. The immense trusses of flowers are snow white; borne on strong, erect stalks, and appear in such abundance that the plant is practically enveloped with a white feathery foam.

Extra large clumps. 25c. each; doz., \$2.25; \$12.00 per 100. Monster clumps. 50c. each; doz., \$5.00; \$30.00 per 100.

Queen Alexandra. A beautiful shade of pink. Being an offspring of the Gladstone it requires the same culture. The plant should be shaded as it comes into bloom in order to bring the flower to full perfection.

Extra Large Clumps. 25c. each; doz., \$2.25; \$12.50 per 100. **Philadelphia.** A grand pink variety, producing magnificent plump flower spikes of a beautiful rose shade. This variety is a great improvement over Queen Alexandra and will, in all probability, supersede the latter sort.

Extra Large Clumps. 35c. each; doz., \$2.50; \$15.00 per 100.

Princess Mary (New). A splendid forcer of delicate lilac rose color. Resembles in growth the popular "Gladstone," but the color is entirely distinct. It is, without a doubt, the finest of all pink spiræas. Extra large clumps, 50c. each; doz., \$5.00; per 100, \$30.00.

SPIREA ARENDSSI TYPE

Special attention is called to these offered in the perennial plant section; they are among the finest of hardy flowers, splendid for border work, massing or cut flowers.



New Pink Spirea "Princess Mary" (See above)

MICHELL'S "DISTINCTIVE" FLOWER SEEDS

FOR AUTUMN AND EARLY WINTER SOWING

For Complete List of Flower Seeds, see our General Catalog for 1917

ACHILLEA (Millefoil or Yarrow)

Large Pkt. Pkt.

Ptarmica, Fl. Pl., "The Pearl." Tall erect plant, bearing its pure white double flowers in great profusion all summer; hardy perennial; 2 ft....\$0.50 \$0.10

ACONITUM (Monk's Hood or Helmet Flower)

Hardy perennial, thriving best in semi-shady situations; curious hood-shaped flowers in clusters; height, 4 feet; August-September.

Large Pkt. Pkt.

Napellus, Blue\$0.25 \$0.05

ADONIS

Vernalis (Ox Eye). One of the choicest spring flowering perennial plants, finely cut, ornamental foliage, yellow flowers; 1 foot..... .30 .05

AGROSTEMMA

Coronaria (Mullein Pink). Stout erect growing plants with silvery foliage and bright crimson flowers; hardy perennial; 2½ to 3 feet; July and August .15 .05

ALYSSUM

One of the most popular garden flowers for beds, edgings, rock-work or vases; also useful for winter flowering.

Large Pkt. Pkt.

Little Gem. Dwarf compact plants, densely covered with large pure white flowers; height, 4 inchesoz., 75c. \$0.20 \$0.05

Little Dorritt. Extremely dwarf and compact, forming perfect little bushes with miniature white flowers; ideal for narrow edges...oz., \$1.00 .20 .05

Lilac Queen. Dwarf and compact; flowers lilac.. .40 .10

Lutescens. Dwarf and compact; yellow flowers.. .40 .10

Sweet. The popular old-fashioned sort, the best for broad edges and vases. Pure white; height, 6 inchesoz., 25c. .15 .05

Saxatile Compactum (Basket of Gold). Showy golden yellow flowers; hardy perennial; 1 ft. oz., 60c. .15 .05

AMPELOPSIS (Boston or Japanese Ivy)

Veitchi. A hardy perennial climber with olive green leaves, which turn to scarlet in the autumnoz., 40c. .15 .10

ANCHUSA (Sea Bugloss)

Italica "Dropmore." A strong growing hardy perennial plant, 4 feet high, with beautiful flowers of a lovely gentian blue..... .40 .15

ANEMONE (Wind Flower)

A dainty spring flower with bright cup-shaped blossoms; splendid for cutting; perennial.

Large Pkt. Pkt.

Coronaria Mixed. 1 foot; all colors.....\$0.20 \$0.05

St. Brigid, or Poppy. Flowers of large size; semi-double and double; 1 foot..... .40 .15

ANTHEMIS (Hardy Marguerite)

Tinctoria Kelwayi. A handsome hardy perennial, bearing all summer, daisy-like bright yellow flowers; 2 feet25 .10

AQUILEGIAS OR COLUMBINES

An elegant, graceful, beautiful spring flowering plant, producing exquisitely spurred flowers on stems rising 2 feet above the fern-like foliage; splendid for cutting.

Large Pkt. Pkt.

Long Spurred Hybrids. Flowers of many rich and varied colors, with long spurs.....\$0.40 \$0.10

Chrysanth. Bright golden yellow..... .40 .10

Chrysanth. Alba. Purest white..... .40 .10

Californica Hybrida. Mixed colors; long spurs.. .40 .10

Cœrula (Rocky Mountain Columbine). Large flowers, violet-blue and white..... .40 .10

Haylodensis Delicatissima. Satiny rose..... .50 .20

Nivea Grandiflora. Pure white..... .15 .05

Rose Queen. Pink, white centre..... .50 .15

Single Mixedoz., 50c. .15 .05

Double Mixedoz., 50c. .15 .05

ANTIRRHINUM (Snapdragon)

A splendid plant for beds or borders and one of our choicest cut flowers; extensively forced under glass during the winter.

MICHELL'S GIANT ANTIRRHINUMS

This strain produces stout heavy spikes, 2 to 3 feet in length, dressed with giant flowers of the purest colors.

Large Pkt. Pkt.

Michell's Giant Salmon Pink. Long spikes of a delicate salmon pink color.....\$0.40 \$0.15

Silver Pink. A fine variety; long spikes and a profuse bloomer. Original pkt., \$1.00.

Nelrose. Pink; long spikes..... .50

Giant Pink25 .10

" " *Scarlet*25 .10

" " *Striped*25 .10

" " *White*25 .10

" " *Yellow*25 .10

" " *Venus.* Shell pink on white ground.....40 .15

" " *Mixed.* All colorsoz., 75c. .20 .10

Tall Mixed. A fine selection.....oz., 40c. .15 .05

Imported Collection, 10 Tall Varieties40

SEMI-DWARF ANTIRRHINUMS

The plants grow but 18 inches high, but have extremely large flowers over most part of the stem.

Large Pkt. Pkt.

Captivation. Chamois, shaded pink.....\$0.25

Daphne. Carmine pink, white throat.....\$0.25

Defiance. Fiery scarlet..... .25 .10

Golden Queen. Golden yellow, giant flowers..... .25 .10

Mauve Beauty. Rosy mauve..... .30

Pink Gem. Rose pink..... .25

Queen of the North. Of purest white..... .25 .10

Spitfire. Orange scarlet..... .25

The Bride. Pure white..... .30 .10

Mixed. All colorsoz., 75c. .20 .10

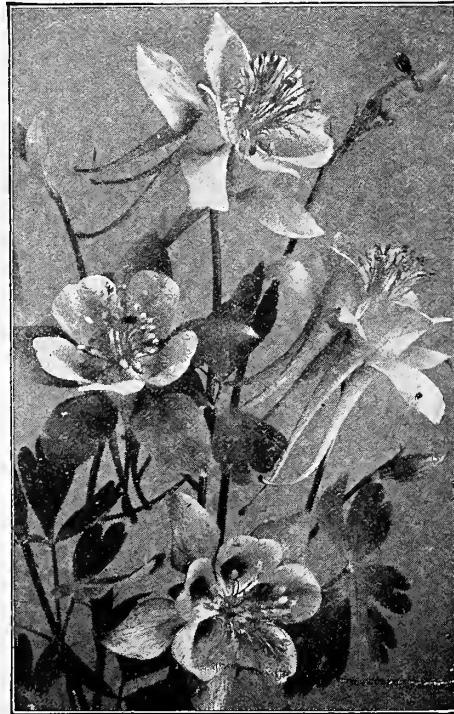
Imported Collection, 10 Semi-Dwarf Varieties40

DWARF ANTIRRHINUMS

The Dwarf or Tom Thumb varieties are excellent for bedding; also for edges. Height, 12 inches.

Large Pkt. Pkt.

Tom Thumb Mixed. All colors.....\$0.25 \$0.10



Aquilegia—Long Spurred

ARABIS (Rock Cress)

Alpina. Early spring flowering perennial; especially adapted for edging and rockery; plants form a dense carpet completely covered with pure white blossoms; 6 inches..... Large Pkt. \$0.15 \$0.05

ARMERIA (Sea Pink or Thrift)

Formosa. A pretty hardy perennial for edgings, blooming all summer; rosy pink flowers; 9 inches .25 .10

ASPARAGUS

Hatcheri. Of dense and symmetrical growth; dainty fern-like fronds set close together along the stalk; valuable for decorative use, also for specimen pot plants Seeds 100 \$1.25 \$0.25

Plumosus Nanus. An excellent plant for house or conservatory decoration or cutting on account of its graceful, finely cut foliage; will remain fresh a long time after being cut..... 1.00 .25

Sprengeri. One of the best plants to grow in hanging baskets for greenhouse or for outdoors in the summer50 .10



Hardy Perennial Aster

ASTER, PERENNIAL (Michaelmas Daisy)

Choice Mixed. One of the showiest of our late flowering perennial plants and very effective in borders or groups. Star-like single flowers; 2 Pkt. Pkt. to 3 feet..... Large Pkt. \$0.30 \$0.10

AURICULA (Primula Auricula)

Choice Mixed. These early flowering perennial plants resemble primroses and have multi-colored flowers in great variety; 6 inches..... .50 .10

BAPTISIA (False Indigo)

Australis. A strong growing perennial plant about 2 feet high, with dark green, deeply cut foliage and spikes of dark blue flowers in June and July25 .05

BOCCONIA (Plume Poppy)

Cordata. A splendid hardy perennial, with glaucous green foliage and spikes 2 to 3 feet long of creamy white flowers; 5 feet..... .15 .05

BEGONIA (Semperflorens Type)

The following varieties are extensively used for bedding; they are also excellent for pot plants for winter flowering.

Large Pkt. Pkt.

Vernon. Deep red flowers \$0.30 \$0.10

Queen of Carpet Bedders. Dwarf red..... .40 .15

Salmon Queen. Salmony red..... .65 .20

Zulu King. Blood red flowers and dark red leaves .65 .15

Choice Mixed. All colors..... .40 .10

BEGONIA GRACILIS

Gracilis Rosea. Light pink..... .40 .15

" **Luminosa.** Fiery dark scarlet..... .50 .20

" **Alba.** Pure white..... .40 .15

" **Prima Donna.** Rose, shading to carmine .65 .20

BEGONIA (Tuberous Rooted)

International Prize. An unrivaled strain; seed saved only from the best selected blooms..... .25

Single. Extra choice mixed65 .15

Double. Choicest strain, mixed..... .25

BEGONIA (Ornamental-Leaved)

Rex Hybrids. Beautiful varieties with variegated foliage; choice mixed..... .65 .25

BROWALLIA

Elegant free flowering plants; blooms finely in the winter if the plants are lifted and cut back; 18 inches.

Large Pkt. Pkt.

Elate Cœrulea. Sky-blue flowers..... \$0.20 \$0.05

Speciosa Major. A large flowering variety of brilliant ultramarine blue; desirable as a pot plant for winter and spring flowering..... .50 .10

CALCEOLARIA

An ornamental plant, and a universal favorite for decorating the greenhouse or conservatory; produces a mass of beautiful pocket-like flowers. Our strains of Calceolaria have a wide reputation as to large size, rich and varied colors of the flowers.

Hybrida Grandiflora, Tall Mixed. Large flower- Large Pkt. Pkt. ing, rich, self-colored flowers saved from a choice collection; 18 inches \$0.75 \$0.25

Hybrida Grandiflora, Pumila Compacta. Of dwarf, compact robust growth, producing immense trusses of large and varied brilliant self-colored and spotted flowers; 1 foot..... .75 .25

James' Superb Strain. A robust grower, producing very large and beautiful flowers; 18 inches.. 1.25 .50

Sutton's Perfection. Choicest mixed. Original packet 1.25

Rugosa Mixed (Shrubby). Small flowering varieties for bedding; of the finest colors; 1 foot.... 1.25 .50

CARNATION

These are general favorites for their richness of color and delightful fragrance, they are desirable for greenhouse culture in winter as well as for the garden in summer.

Large Pkt. Pkt.

Early Vienna. Large double flowers in choicest mixture; 1 foot \$0.30 \$0.10

Chabaud's Everblooming Mixed. Blooms in five months after being sown50 .15

Choice Mixed Double. Various colors..... .50 .10

MARGUERITE CARNATIONS

These are the most satisfactory of the annual pinks, and will bloom in four months after sowing the seed. Flowers large and fragrant. If slightly protected the first winter, they will revive the following spring and bloom during that whole season.

Large Pkt. Pkt.

Excelsior Mixed. Immense flowers in all the beautiful shades \$0.40 \$0.15

Pink40 .10

White40 .10

Scarlet40 .10

Yellow40 .10

Choice Mixed oz., \$1.25 .25 .10

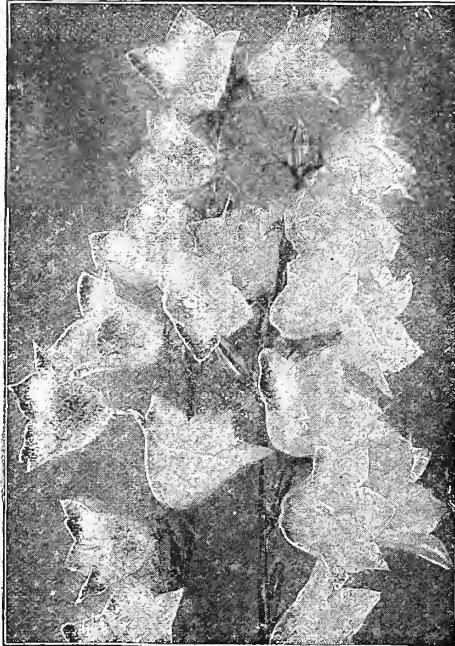
Ask for Cultural Leaflet No. 213 on the growing of Carnations from seed.

CALLIOPSIS (Coreopsis)

One of the finest hardy perennial plants.

Lanceolata Grandiflora. Single golden yellow flowers of graceful form; invaluable for cutting; flowers uninterruptedly the entire summer. Large pkt. Pkt. oz., 50c. \$0.15 \$0.10

California Sunbeams. Very large flowers beautifully formed; various shades of yellow and brown oz., 75c. .20 .10



Campanula or Bell Flower

CAMPANULA MEDIA (Canterbury Bell)

Showy, hardy biennial, growing about 3 feet high; of pyramidal form and covered with large bell-shaped flowers. Sow from June 1st till September 1st; when strong enough transplant to a distance of 6 inches apart; after frost has set in protect with leaves and straw.

Large pkt. Pkt.

Single Blue .....	.15	.05
" Pink .....	.15	.05
" White .....	.15	.05
" Mixed .....	.15	.05

Double Mixed25 .05

CAMPANULA CALYCANTHEMA (Cup and Saucer)

These produce beautiful, large single flowers, resembling a cup and saucer; they require the same treatment as above.

Large pkt. Pkt.

White .....	.30	.10
Pink .....	.30	.10
Blue .....	.30	.10

Mixed25 .10

**CAMPANULAS OR BELL FLOWERS
PERENNIAL VARIETIES**

These are among our best known hardy perennials; the tall varieties are fine for cutting while the dwarf sorts make excellent border plants; all have dainty bell-shaped flowers.

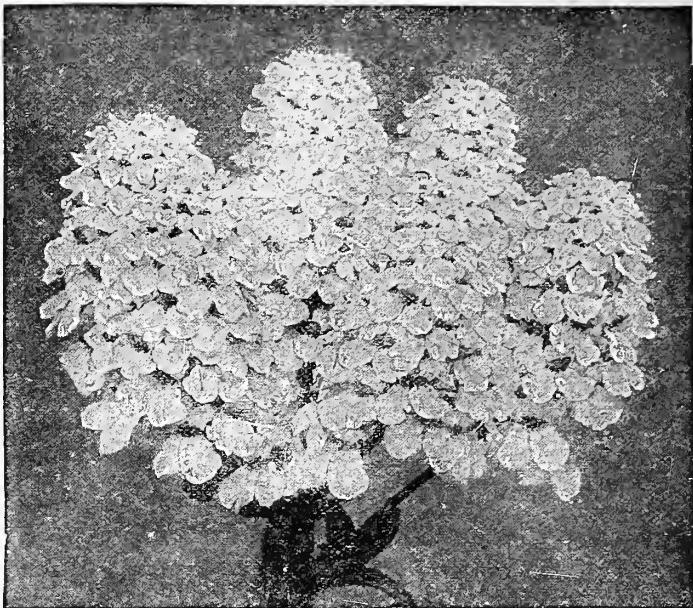
Carpatica, Blue (*Carpathian Hare Bell*). Compact ^{Large} tufts not exceeding 8 inches; flowers clear blue, Pkt. Pkt. held erect; blooms in June and July \$0.20 \$0.05

Carpatica, Alba. Pure white20 .05

Persicifolia Grandiflora, Blue (*Peach Bells*). Stately spikes, 4 feet tall with immense blue bell-shaped flowers40 .15

Persicifolia Grandiflora, Alba. Pure white40 .15

Pyramidalis (*Chimney Bell Flower*). Perfect pyramids 6 feet high crowded with large bell-shaped flowers, blue and white mixed25 .05



Michell's Giant White Candytuft

CANDYTUFT (Iberis)

Splendid edging plants, flowering within six weeks after sowing; height, 1 foot. They are excellent for cutting.

Michell's Giant White. The largest and finest white. From 10 to 12 immense spikes resembling Hyacinths appear on a single plant; fine pkt. Large Pkt. for forcing oz., 60c. \$0.20 \$0.10

Empress. An excellent variety with long trusses of pure white flowers oz., 40c. .15 .10

Pink oz., 40c. .15 .05

Crimson oz., 25c. .15 .05

Carmine. Very bright oz., 40c. .15 .05

Purple. Deep rich purple oz., 30c. .15 .05

White Rocket. Long spikes oz., 20c.05

Little Prince. Very dwarf and compact with pure white flowers; excellent for edging oz., 40c. .15 .10

Choice Mixed. All colors oz., 20c.05

Sempervirens. Dwarf spring flowering perennial plants; ideal for the bulb border, flowers of glistening white; May; 8 inches50 .10

CENTAUREA**CENTAUREA CYANUS (Cornflower or Bachelor's Button)**

Large pkt. Pkt.

Emperor William. Deep blue oz., 30c. \$0.15 \$0.05

Double Blue. Large and double oz., \$1.00 .20 .10

CENTAUREA IMPERIALIS (Giant Cornflower)

Gigantic, beautiful, sweet-scented flowers are borne on long stems. They are well adapted for cutting and remain fresh a long time after being cut. Height of plant, 2 to 3 ft.

Deep Rose \$1.00 \$0.20 \$0.10

Lavender 1.00 .20 .10

Lilac 1.00 .20 .10

Brilliant Pink 1.00 .20 .10

Purple 1.00 .20 .10

White 1.00 .20 .10

Choice Mixed75 .15 .10

Collection. One packet each of above 6 colors50

NEW GIANT FLOWERED CENTAUREAS

Magnificent flowers of brilliant colors; excellent for cutting.

Large pkt. Pkt.

Honeymoon. Golden yellow \$0.40 \$0.10

The Bride. Pure white40 .10

The Bridegroom. Purplish mauve40 .10

CENTAUREA (Perennial)

Large feathery flowers; splendid for cutting; blooms the entire summer.

Large pkt. Pkt.

Montana. Blue; 18 inches \$0.30 \$0.10

" **Alba.** White30 .10

CERASTIUM (*Snow in Summer*)

Tomentosum. Dwarf, white-leaved edging plant; flowers white; perennial; 4 inches. Large Pkt. \$0.40 Pkt. \$0.15

CHRYSANTHEMUM (*Perennial*)

Mrs. C. Lothian Bell.	Immense pure white flowers.....	.50	.15
Frutescens Grandiflorum (<i>Paris Daisy or Marguerite</i>). Single flowers, white with yellow centre.....	.20	.10	
Shasta Daisy, "Alaska." The finest of all; single white flowers on long stems; 2 ft..	.50	.20	
King Edward VII. Flowers extra large; pure white and of perfect form.....	.25	.10	
Japanese Hybrids. Large flowers of the finest types; an extra choice mixture; seed sown in spring will produce flowering plants by fall; 18 inches .....	.65	.15

CINERARIA

One of the most ornamental and useful plants for conservatory or house decoration; seed may be sown from May to September for a succession. Our *Grandiflora Prize Strain* is the best procurable, producing immense trusses of the largest flowers, often measuring up to 4 inches across.

Grandiflora Prize Dwarf. Mixed colors; plants of dwarf habit	\$0.75	Pkt. \$0.35
Grandiflora Prize Medium Tall. Mixed colors; desirable as a decorative plant....	.75	.35
James' Giant Strain. A superb variety; mixed	1.25	.50
Suttons' Superb. Mixed colors. Original pkt. ....	.75	
Matador. Large bright red flowers.....	.75	.35
Hybrida. Choice mixed colors.....	.65	.25

Radiata Hybrida. New varieties of the Star Cineraria in a wide range of colors and shades .....	.75	Large Pkt. .20
Stellata (Suttons'). Medium sized star-like flowers.....	.75	
Stellata Hybrida. Of graceful and vigorous habit, producing a profusion of elegant flowers .....	.75	.25

Ask for Cultural Leaflet No. 203 on the growing of Cinerarias.

CLEMATIS

Hardy perennial climbers; fine for arbors, verandas, etc.		
Flammula. Feathery-white, fragrant flowers.....	\$0.15	Pkt. \$0.05
Jackman's Large Flowering. Mixed; saved from the finest, large flowering sorts.....	.40	.15
Paniculata (Japanese Virgin's Bower). The beautiful autumn flowering variety so much admired for its fragrant, white, star-shaped flowers.....	.20	.10

DAISY, ENGLISH DOUBLE (*Bellis Perennis*)

These are strictly biennials, and seed should be sown from June 1st till September, transplanted in the fall, and they will flower in the following spring. If sown in the spring they will flower in the autumn; 4 inches.

Monstrosa, Pink. This strain produces the largest and most perfectly double flowers of any variety	Large Pkt. \$0.65	Pkt. \$0.25
" White .....	.65	.25
" Mixed .....	.65	.25

Longfellow. Large double pink flowers .....	.40	.10
Snowball. Purest white; large and double.....	.40	.10
Double Mixed .....	.40	.10

DIANTHUS (*Hardy Garden Pinks*)

Erfurt. Of dwarf, compact growth; blooms early; very fragrant; mixed colors.....	.65	.15
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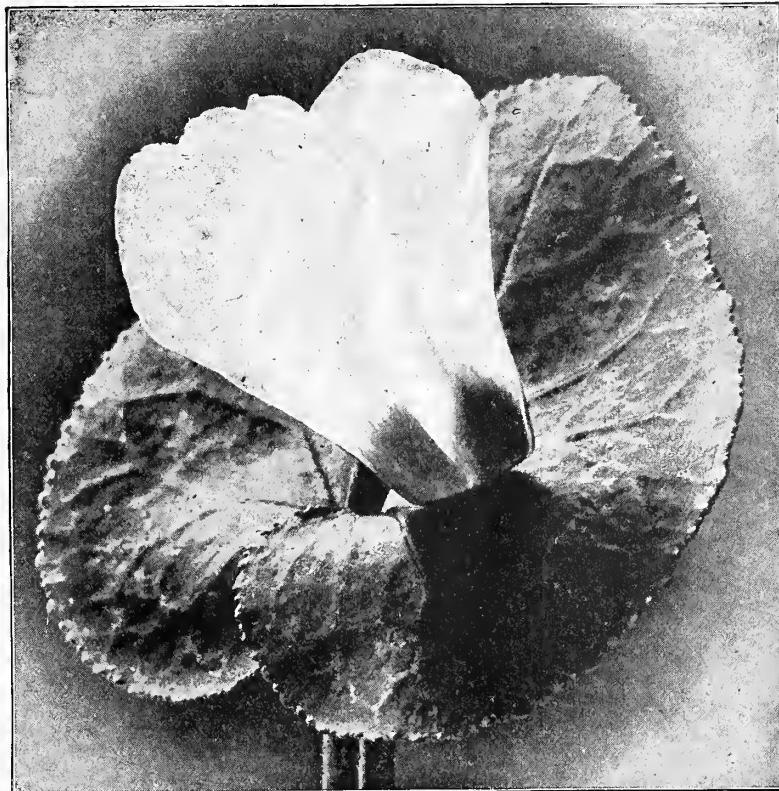
Clove Scented. Double and semi-double varieties, in beautiful colors; fragrant40	.10
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Pheasant's Eye. Single white fringed flowers with dark centre15 oz, .60c.	.05
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Double Scotch. Choice mixed colors.....	.40	.15
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DICTAMNUS (*Gas Plant*)

Fraxinella. Showy bushy plants 2½ feet high; purple red flowers; perennial; June and July.....	.15	.05
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Michell's Fancy Giant Cyclamen

CYCLAMEN**MICHELL'S "DISTINCTIVE" GIANT**

Grown for us in England by a Specialist who has received numerous First Prizes for the large size and beautiful coloring of the flowers.

	100 Seeds	Pkt.
Duke of Connaught. Crimson.....	\$1.75	\$0.50
Excelsior. White with red eye.....	1.75	.50
Grandiflora Alba. White.....	1.75	.50
Princess of Wales. Pink.....	1.75	.50
Salmon Queen. Salmon pink.....	1.75	.50
Mixed. All colors.....	1.50	.40

REGULAR GIGANTEUM STRAIN

Giganteum Album. White.....	1.25	.35
" Roseum. Pink	1.25	.35
" Rubrum. Red	1.25	.35
" White with carmine eye.....	1.25	.35
" Mixed. Choicest strain.....	1.00	.25
" Glory of Wandsbek. Extra large; salmony red color	2.25	.35

VARIOUS CYCLAMEN

Mrs. Buckston. Frilled and waved flowers; color delicate salmon. Original pkt. ....		.75
Rokoko Erecta. Flowers large, upright, beautifully fringed and borne on straight, upright stems; mixed colors.....	2.25	.50

Papilio (Butterfly). The edges of the flowers are beautifully fringed, or waved; mixed colors....	1.50	.40
Persicum. Choice mixed	\$0.50	\$0.10

Sutton's Giant. Choicest mixed. Original pkt.....	1.00	
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Ask for Cultural Leaflet No. 215 on the growing of Cyclamen.

CYPERUS (*Umbrella Plant*)

Alternifolius. An elegant plant for growing in water or damp places	\$0.50	\$0.10
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DELPHINIUM (Hardy Larkspur)

One of the finest hardy perennials; very easily grown from seed; effective in beds, masses or borders.

Kelway's Giant. Plants are of strong, vigorous growth, with immense spikes of large flowers; many shades of blue; 5 to 7 feet. Large pkt., 50c.; 15c. per pkt.

Belladonna. One of the most continuous blooming varieties; immense spikes of clear turquoise blue flowers; 5 feet. Large pkt., 65c.; 25c. per pkt.

Rev. E. Lascelles. One of the finest varieties; double deep blue flowers with white centre. Large pkt., 50c.; 15c. per pkt.

Duke of Connaught. Oxford blue with white eye. Large pkt., 50c.; 15c. per pkt.

Formosum. Deep blue; 5 feet. Oz., \$1.25; 25c. per large pkt.; per pkt., 10c.

Formosum Cœlestinum. Sky blue. Large pkt., 30c.; 15c. per pkt.

Chinense Grandiflorum. A dwarf strain with loose branches and sprays of bright blue flowers; 2 feet. Oz., 75c.; 15c. per large pkt.; per pkt., 5c.

Chinense Grandiflorum Album. Pure white flowers. Oz., 75c.; 15c. per large pkt.; per pkt., 5c.

Cashmerianum. Dark blue; 18 inches. Large pkt., 50c.; 10c. per pkt.

Large pkt. Pkt.

	Large	Pkt.
Elatum (Bee Larkspur).	\$1.00	\$0.10
Nudicaule.	.50	.10
Queen Wilhelmina.	.50	.15
Zalil.	.50	.10
Hybridum Mixed.	.15	.05

DIGITALIS (Foxglove)

Handsome ornamental hardy plants of stately growth, succeeding almost anywhere. Produces long spikes of beautiful tubular-shaped flowers; blooms during June and July; 4 to 5 feet.

	Large	Pkt.
Gloxiniæflora, Pink	\$.75	\$.20
" Purple	.75	.20
" White	.75	.20
" Mixed	.60	.15
Grandiflora. Yellow	.60	.15

Monstrosa (Mammoth Foxglove). The tall spikes are surmounted by one monstrous flower; all colors mixed..... 1.25 .30 .10

DRACENA

Ornamental plants for vases or conservatory decoration.

	Large	Pkt.
Australis.	\$.20	\$.10
Indivisa.	.15	.10

EDELWEISS (Gnaphalium)

Leontopodium. The famous Alpine flower, suitable for rock work, etc.; 6 inches..... 40 .15

EUPATORIUM

Fraseri. Tall bushy plants with loose heads of feathery white flowers; perennial; 2 feet..... 20 .10

FERNS

Very desirable plants for ferneries.

Adiantum (Maiden Hair).	Mixed.....	.65	.15
Pteris Varieties.	Mixed.....	.65	.15

Choice Mixed. Choice collection..... 65 .15

We can also furnish all other varieties of fern spores.



Gaillardia, Grandiflora

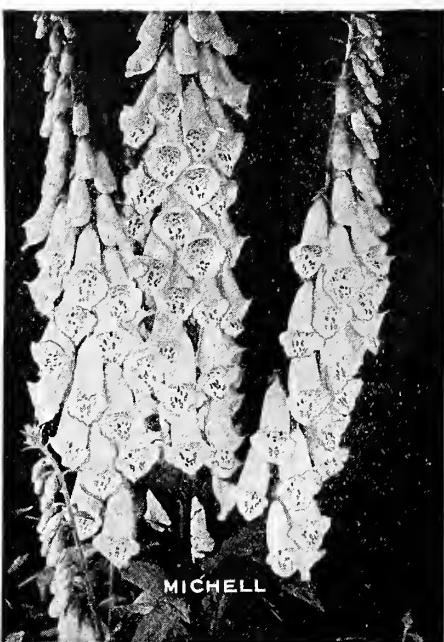
GAILLARDIA (Blanket Flower)

One of the most showy hardy perennials; spikes of gorgeously colored flowers of immense size; blooms all summer; hardy perennial.

	Large	Pkt.
Grandiflora Compacta.	A compact variety; choice mixed colors; 12 to 15 inches.....	\$.20. \$0.10
" Superba.	Splendid mixed, 2 ft. oz., 60c.	.15 .10
" Sanguinea.	Blood red flowers; 2 feet.	.25 .15
Sulphurea Oculata.	Sulphur yellow, maroon eye.	.30 .10
Semi-Double.	Mixed .....	.30 .10

GENTIANA (Blue Gentian)

Acaulis. Dwarf hardy perennial; deep blue flowers; suited to moist, shady situations..... 25 .10



Digitalis Gloxiniaeflora

GERANIUM

	100 Seeds	Pkt.
Apple Scented. Highly esteemed on account of its fern-like, fragrant foliage; 1 foot.....	\$0.40	\$0.10
Pelargonium (<i>Lady Washington</i>). Seed saved from the largest flowered show varieties.....	1.50	.25

	Pkt.
Zonale Mixed. A superb strain of the largest and finest varieties; 1 to 2 feet.....	\$0.30

GERBERA (*Transvaal Daisy*)

Splendid greenhouse perennials with large fine leaved, daisy-like flowers; splendid for pot plants or cutting.

100 Seeds Pkt.

Jamesoni Gigantea. Extra large flowers of bright-est scarlet	\$1.25	\$0.25
" Hybrida. These hybrids produce many colors and shades	1.25	.25

GEUM

	Large	Pkt.
Atrosanguineum Fl. Pl. Hardy perennial with large, showy, double, dark crimson flowers; 1½ feet .....	.25	.10

GLOXINIA

Hybrida Grandiflora. The best strain in existence, embracing all the choicest self-colored, and tigereed and spotted flowers.....	\$0.75	\$0.25
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GOLDEN ROD (*Solidago Canadensis*)

A well-known hardy perennial; deep golden yellow flowers; 2 feet20	.05
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GYPSOPHILA (*Baby's Breath*)

Paniculata. Hardy perennial; flowers in graceful sprays of white; 2 feet.....	oz., .75c.	.20	.05
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Paniculata, Fl. Pl. Double white.....		.20	
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HELIOTROPE

Lemoine's Giant. Produces a profusion of flowers of extra large size; mixed colors	\$0.50	\$0.15
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Regal. Of dwarf compact growth; immense flowers; all shades50	.15
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Choice Mixed. Of many varieties30	.10
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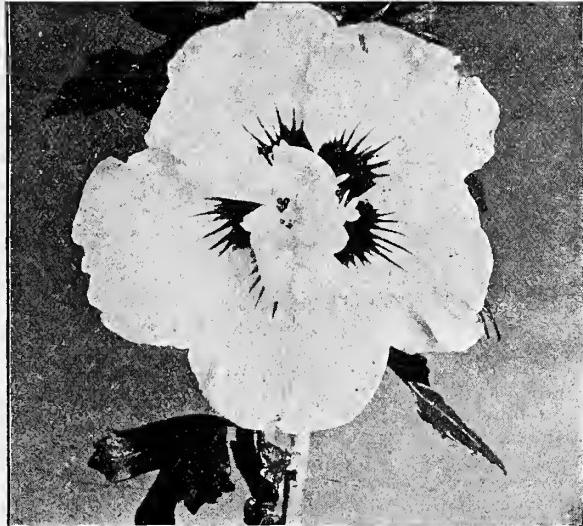
Imported Collection. 6 sorts40
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HELENIUM (*Sneeze-Wort*)

Autumnale Superbum. Perennial; succeeding in almost any kind of soil; large heads of golden yellow flowers; 5 to 6 feet; fall.....	.30	.10
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HEUCHERA (*Alum Root*)

Sanguinea. Splendid plant; spikes of vivid crimson flowers; excellent for cutting; 1 foot50	.10
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New Giant Hibiscus

HIBISCUS (*Marshmallow*)

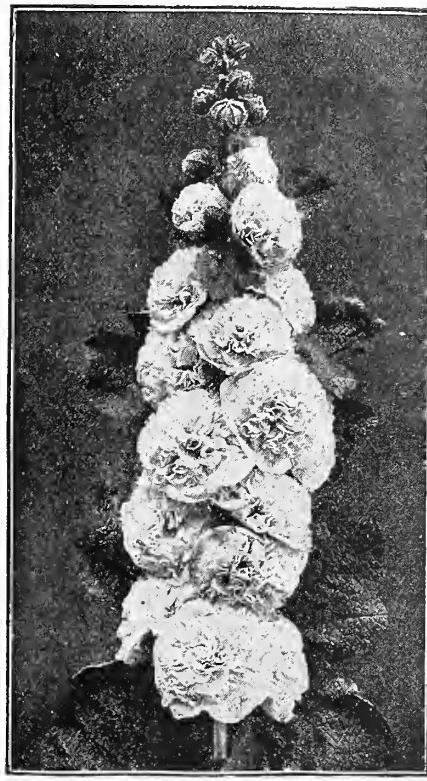
Showy, ornamental plants, having large sized, beautiful bell-shaped flowers; perennial.....	Large Pkt.	Pkt.
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New Giant (<i>Mallow Marvel</i>). Mixed	\$0.30	\$0.15
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Crimson Eye. Large white flowers with crimson centre; 4 feet20	.10
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Golden Bowl. Giant yellow, maroon centre.....	.25	.10
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Moscheutos. Rosy red with dark centre.....	.15	.05
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Hollyhocks

HOLLYHOCK

One of the most popular and desirable of hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers; 6 to 7 feet.

CHATER'S IMPROVED DOUBLE HOLLYHOCK

	Oz.	Large	Pkt.	Pkt.
Pink		\$1.25	\$0.30	\$0.10
Maroon		1.25	.30	.10
Red		1.25	.30	.10
Salmon		1.25	.30	.10
White		1.25	.30	.10
Yellow		1.25	.30	.10
Choice Mixed		1.00	.25	.10
Single Mixed .....		.75	.20	.10
Collection, one packet each of above 6 colors.....				.50
Imported Collection. 12 colors.....				.75
Allegheny. Semi-double; mammoth flowers, edges fringed and laciniated; mixed	oz..	\$1.00	.25	.10

ANNUAL EVERBLOOMING HOLLYHOCK

While these are hardy perennial varieties, if seed is sown in the house in March or April they will bloom the first season.

	Large	Pkt.	Pkt.
Double Ever-blooming Mixed.....	oz..	\$1.25	\$0.30
Single Ever-blooming Mixed.....	oz..	\$1.00	.25

IMPATIENS (*Sultan's Balsam*)

Holstii. Resembles Impatiens Sultani in leaf and shape of bloom, but surpassing it in quicker growth and its larger and brighter colored flowers .....		.50	.20
Holstii, "New Hybrids." Many rare and beautiful shades .....		.50	.15
Sultani. Brilliant rosy-scarlet .....		.50	.15
" Hybrida. Colors ranging from pale pink to dark crimson .....		.50	.15

INCARVILLEA (*Hardy Gloxinia*)

Delavayi. Deeply cut hairy foliage with stout stalks terminated with 3 to 5 most beautiful pink, gloxinia-like flowers; May; 15 inches.....

	.50	.25
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Kämpferi (*Japanese Iris*). Perennial; blooms the second year from seed; mixed colors.....

	.15	.10
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MICHELL'S "DISTINCTIVE" FLOWER SEEDS

KENILWORTH IVY (*Linaria Cymbalaria*)

A charming, neat trailing plant, for baskets, vases, pots, etc.; flowers violet	Large pkt.	\$0.30	\$0.05
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LATHYRUS LATIFOLIUS (*Everlasting or Perennial Pea*)

Free flowering, hardy perennial climber with clusters of flowers resembling Sweet Peas; excellent for cutting.

Crimson. Brilliant	Oz. Large pkt. Pkt.	\$0.75	\$0.20	\$0.10
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Pink Beauty. Bright rosy-pink.....	1.00	.25	.10
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White75	.20	.10
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Choice Mixed. All colors.....	.60	.15	.05
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LAVENDER (*Lavendula Vera*)

Well-known perennial plant bearing long spikes of fragrant blue flowers; 18 inches.....

.20	.05
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LILY OF THE VALLEY (*Convallaria Majalis*)

Lovely plants, bearing pure white, fragrant, bell-shaped flowers early in spring.....

.40	.10
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LOBELIA

Cardinalis (*Cardinal Flower*). Hardy perennial; tall spikes of bright scarlet flowers, very showy.....

.50	.10
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Lupinus Polyphyllus (Perennial Lupin)

LUPINUS (*Lupins*)

A valuable and showy flower, blooming in six to eight weeks after sowing; valuable for cutting; seeds sown in greenhouse during the late summer and fall months will produce an abundance of bloom for winter.

Pink Beauty. Delicate salmon pink.....	Oz. Large pkt. Pkt.	\$0.60	\$0.15	\$0.10
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Blue50	.15	.05
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Pink50	.15	.05
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Scarlet, White Tipped50	.15	.05
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White50	.15	.05
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Yellow60	.15	.10
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Mixed. Annual varieties40	.15	.05
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LUPINUS (*Perennial Varieties*)

Polyphyllus Roseus. Pink30	.10
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" Somerset. Yellow40	.15
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" Blue15	.05
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" White15	.05
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" Mixed	oz., .30c.	.15	.05
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Ask for Cultural Leaflet No. 217 on the culture of Lupinus.

LYTHRUM (*Rose Loose-Strife*)

Roseum Superbum. Plants grow 3 feet high and produce spikes of rosy flowers from July to September; perennial

.15	.10
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LYCHNIS

Perennials of easy culture; most effective in beds or borders.

Chalcedonica (<i>Rose Campion</i>). Fine scarlet cross-like flowers; 2 feet; July	Large oz., 50c.	\$0.15	\$0.05
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Arkwrightii (<i>New</i>). Many shades and colors in mixture	Pkt.		
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Haageana. Brilliant, large, orange, scarlet, pink, or crimson flowers; mixed; 1 foot; July40	.10
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MIGNONETTE

Valuable for cutting on account of its fragrance; sow in succession during the whole summer; may also be forced in greenhouses during the winter.

Michell's Colossal. Foliage, stalks and flowers are very robust. The flower-spike often averaging 18 inches; extremely fragrant.....	Large pkt.	\$0.50	\$0.15
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Allen's Defiance. Spikes invariably attain a height of 12 to 15 inches; deliciously fragrant.....	oz., 60c.	.20	.10
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Bismarck. Compact plant of strong growth; stout spikes of large flowers.....	.25	.10
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Machet. Large reddish tinted, sweet scented flowers	oz., 50c.	.15	.10
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Golden Machet. Large golden yellow.....	oz., 50c.	.15	.10
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Goliath. Giant spikes of brilliant red flowers.....	.20	.10
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Miles' Spiral. Flowers whitish.....	oz., 30c.	.15	.05
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Parsons White. Fragrant white flowers.....	oz., 35c.	.15	.05
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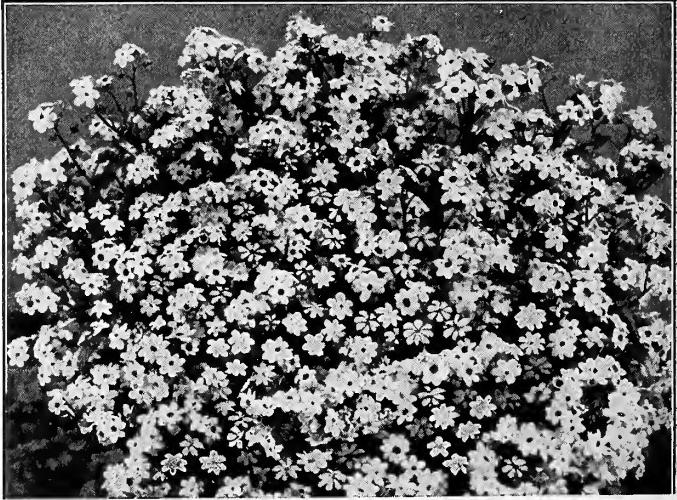
Sutton's Giant. Reddish buff. Original pkts.....	.40	
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Sweet Scented. The popular garden sort.....	oz., 15c.	.05
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Ask for Cultural Leaflet No. 204 on the growing of Mignonette.

MUSA ENSETE (*Abyssinian Banana*)

A handsome tropical plant for planting individually or for the centre of beds; foliage broad and massive and very effective; 10 to 15 feet. Seeds should be started in hot bed or bottom heat in greenhouse. Per 10 seeds, 25c.



Myosotis (Forget-Me-Not)

MYOSOTIS (*Forget-Me-Not*)

Neat and beautiful little plants with star-shaped flowers, succeeding best in a moist semi-shaded situation; for spring flowering sow in July or August.

Alpestris Victoria. Of bushy habit; bearing large bright blue flowers; very fine; 6 inches.....	Large pkt.	\$0.30	\$0.10
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Dissitiflora. Deep green foliage and attractive deep blue flowers40	.10
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Eliza Fanrobert. Large flowering, bright blue.....	.25	.10
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Grandiflora Alba. Large white flowers; 8 inches.	.25	.10
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" Rosea. Large pink flowers; 8 inches.	.25	.10
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Palustris. The true Forget-Me-Not; bright blue flowers; 8 inches40	.10
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Palustris Semperflorens. Dwarf; blooms the entire season; deep blue30	.10
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Royal Blue. Upright grower; blue; 1 foot40	.10
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Ruth Fischer. A compact plant with light blue flowers; splendid for pots65	.25
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Choice Mixed. Various shades of blue, rose and white	oz., 90c.	.20	.05
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MICHELL'S GIANT PANSIES

33

Seed sown in frames during July and August and transplanted later gives us the main crop of flowers the following spring. Pansies thrive best in moist semi-shady situations.

PANSIES IN MIXTURES

	Large Pkt.	Pkt.
Michell's Giant Exhibition. A blending of our own containing only the very choicest secured from the leading Pansy specialists; it can be relied upon to produce flowers of immense size, very heavy texture and of the most brilliant colors. Per oz., \$8.00; \$4.25 per $\frac{1}{2}$ oz.; $\frac{1}{4}$ oz., \$2.25; \$1.25 per $\frac{1}{8}$ oz.....	\$0.65	\$0.25
Triumph of the Giants Mixed. Immense flowers of great brilliancy and richness of coloring, including many new and rare shades. Per oz., \$10.00; \$3.00 per $\frac{1}{4}$ oz.....	.75	.50
Bugnot, Odier and Cassier. A superb mixture of giant blotched varieties $\frac{1}{8}$ oz., \$1.00	.65	.25
Giant Trimardeau. Very large flowering; all colors mixed $\frac{1}{4}$ oz., \$0.50	.40	.10
Mad. Perret. Early flowering, fragrant, especially rich in red shades..... $\frac{1}{4}$ oz., \$1.25	.65	.25
Masterpiece (Frilled Pansy). Flowers beautifully curlier or waved..... $\frac{1}{4}$ oz., \$1.50	.65	.25
Odier or Blotched. Beautiful strain..... $\frac{1}{4}$ oz., \$1.25	.65	.15
Parisian Large Stained. Choicest colors..... $\frac{1}{4}$ oz., \$1.00	.50	.15
Finest English Mixed. $\frac{1}{4}$ oz., \$1.50	.30	.10
Very Fine Mixed $\frac{1}{4}$ oz., \$1.00	.20	.05
Imported Collection. 6 colors..... $\frac{1}{4}$ oz., \$1.00	.40	
" " 12 colors..... $\frac{1}{4}$ oz., \$1.00	.75	

Ask for Cultural Leaflet No. 209 on the growing of Pansies.

GIANT PANSIES—Separate Colors

A strain secured from the leading pansy specialists, and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture. $\frac{1}{4}$ Oz. Large Pkt. Pkt.

	Large	Pkt.	Pkt.
Giant Prize, Azure Blue. Violet blue.....\$1.00	\$0.50	\$0.15	
" " Black Blue. Dark velvety.....1.00	.50	.15	
" " Emperor William. Ultramarine blue .....	.50	.15	
" " Hortensia Red. Scarlet.....1.25	.50	.15	
" " King of the Blacks.....1.00	.50	.15	
" " Lord Beaconsfield. Violet.....1.00	.50	.15	
" " Peacock. Upper petals blue, lower petals deep claret with white margin	1.25	.50	.15
" " Snow Queen. Pure white.....1.00	.50	.15	
" " Striped and Mottled.....1.00	.50	.15	
" " White with dark eye.....1.00	.50	.15	
" " Pure Yellow	1.00	.50	.15
" " Yellow with dark eye	1.00	.50	.15

SPECIAL OFFER. We will send 6 packets of any of the above varieties of Giant Pansies for 75c.; or the entire 12 pkts. for \$1.40.

PASSIFLORA (Passion Flower)

Ornamental climbing plants for the greenhouse or the garden; mixed colors.....\$0.25 \$0.10

PENTSTEMON (Beard Tongue)

A beautiful perennial plant producing large spikes of handsome flowers. Large Pkt. Pkt.

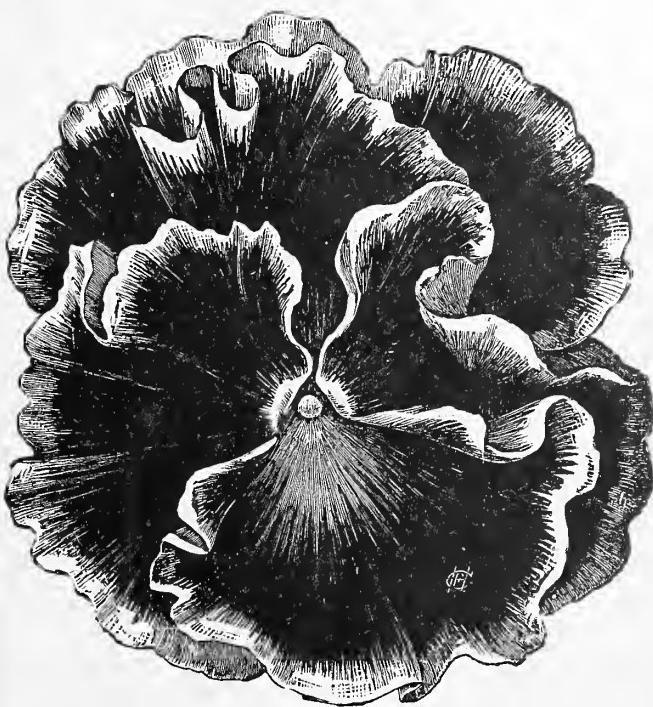
Barbatus Torreyi. Spikes of brilliant coral red, very effective; 3 to 4 feet.....\$0.30 \$0.10

Sensation. Plants produce large spikes of gloxinia-like flowers of the most brilliant colors; 2 feet; requires protection40 .15

Mixed. Produces large spikes of handsome flowers; 3 feet25 .05

HARDY PHLOX

Decussata. For a gorgeous show these are the most satisfactory of all perennials; plants 2 feet high, in all bright colors; sow seeds late in fall and they will germinate in the spring. $\frac{1}{4}$ oz., 50c. .10



Pansy—Michell's Giant Exhibition

PANSIES—Regular Sorts in Separate Colors

	Oz.	Pkt.	Pkt.
Belgian Striped. Showy	\$2.25	\$0.30	\$0.10
Emperor William. Ultramarine blue.....2.25	.30	.10	
Faust (King of the Blacks)......2.25	.30	.10	
Gold Margined. Purple, golden edge.....2.25	.30	.10	
Havana Brown......2.25	.30	.10	
Lord Beaconsfield. Violet	2.25	.30	.10
Mahogany Colored	2.25	.30	.10
Silver Edged. Purple, silver edge.....2.25	.30	.10	
Snow Queen. Pure white.....2.25	.30	.10	
White with dark eye......2.25	.30	.10	
Pure Yellow	2.25	.30	.10
Yellow Gem. Pure yellow	2.25	.30	.10
Yellow with dark eye.	2.25	.30	.10

SPECIAL OFFER. We will send 6 packets of any of the above varieties of regular sorts of Pansies for 50c.; or the entire 12 packets for 90c.

PHYSOSTEGIA (False Dragon Head)

A pretty hardy perennial, bearing freely, delicate tubular flowers; 3 to 4 feet; July-August. Large Pkt. Pkt.

Virginica. Pink \$0.20 | \$0.10 | |

" Alba. White30 | .10 | |

PLATYCODON (Chinese Bell Flower)

A very desirable perennial, of erect bushy growth; very handsome for garden decoration. Large Pkt. Pkt.

Grandiflorum, Blue. Hardy perennial; large bell-shaped flowers; 2 to 3 feet.....\$0.30 \$0.05

" White30 | .05 | |

Japonicus Fl. Pl. (*Double Japanese Bell Flower*). Large, glossy, deep blue flowers.....40 .15

POLYANTHUS (Primula Elatior)

Beautiful spring flowering hardy perennials, either for pot culture or for the garden; succeeds best in partial shade; 9 inches. Large Pkt. Pkt.

Gold Laced. Flowers of brilliant colors, with distinct yellow edge \$0.50 | \$0.15 | |

Double Mixed. Beautiful colors.....65 .15

English Mixed. The best single30 | .10 | |



Poppy—Oriental Hybrids

POPPY (Perennial)

		Large Pkt.	Pkt.
Giant Scarlet (<i>Bracteatum</i>). Extra large flowers; 3 feet	.....	\$0.15	\$0.10
Iceland (<i>Nudicaule</i>). Single Mixed. Colors range from white and yellow to deep orange scarlet; useful for cutting; 12 inches.....	.25	.10	
Iceland, White .....	.25	.10	
" Yellow .....	.25	.10	
" Double Mixed. 1 foot .....	.30	.10	
Orientale. Extra large flowers; deep scarlet.....	.20	.10	
" Mrs. Perry. Rich salmon pink.....	.50	.10	
" Beauty of Livermere. Crimson with black blotch .....	.50	.10	
" Hybrids. Beautiful flowers, of large size, mixed colors.....	.30	.10	

PUERARIA THUNBERGIANA (Kudzu Vine)

One of the fastest growing hardy climbing plants; grows 8 to 10 feet the first year from seed; after the first year it will grow 30 to 50 feet in a season; rosy purple pea-shaped blossoms.....

.20 .10

PYRETHRUM (Perennial)

Roseum. Flowers bright rose color; July; 2 feet.	.30	.10	
Uliginosum. Large, single white flowers; September; 3 to 4 feet.....	.30	.10	
Hybridum Single Mixed. Large flowers ranging in color from light pink to deep red, with bright yellow centres; July; 2 feet.....	.30	.10	
Hybridum Double Mixed .....	.65	.25	

RUDBECKIA (Coneflower)

Newmani. Large yellow flowers with black centre; perennial; 2 feet; all summer.....	.40	.10	
Purpurea (Giant Purple Cone Flower). Hardy perennial; reddish purple flowers, with dark brown disc; 3 feet .....	.30	.10	

SALVIA

Azorea Grandiflora. Hardy perennial producing during August and September spikes of pretty sky-blue flowers; 2 feet.....	.30	.10	
Farinacea. A perennial variety, but best treated as an annual; color, light blue; 2 feet.....	.30	.10	

SCABIOSA

		Large pkt.	Pkt.
Caucasica. Soft blue .....	.40	\$0.10	
" Alba. Pure white .....	.50	.10	
Japonica. Lavender .....	.25	.10	



Michell's Prize Chinese Primula

PRIMULA**FRINGED CHINESE PRIMROSE**

Our strains are unsurpassed and have won many first prizes.

Michell's Prize Mixture. This mixture contains only the very finest sorts selected from the best strains	Large	Pkt.	\$0.25
Alba Magnifica. White flowers with yellow eye..	.75	.40	
Chiswick Red. Brilliant red.....	.75	.40	
Duchess. Large; white with zone of rosy carmine, yellow eye .....	.75	.40	
Holborn Blue. A beautiful shade.....	.75	.40	
Kermesina Splendens. Crimson.....	.75	.40	
Pink Pearl (New). Brilliant pink .....	.75	.40	
Rosy Morn. Delicate pink .....	.75	.40	
Stellata (Sutton's). Excellent pot plant; mixed.....	.75	.25	
Fern Leaved. Choicest mixed colors.....	.75	.25	
Imported Collection. 8 varieties.....	.75	.25	

PRIMULA OBCONICA GIGANTEA

A great improvement over the old type; flowers much larger, and produced in greater abundance. Large pkt. Pkt.

Lilacina. Pale lilac.....	\$0.65	\$0.20
Rosea. Pink .....	.65	.20
Kermesina. Crimson .....	.65	.20
Alba. White .....	.65	.20
Hybrida Mixed .....	.65	.20

PRIMULA OBCONICA GRANDIFLORA

Compacta. Dwarf, compact plants with rosy lilac flowers .....	.65	.25
Fimbriata. Flowers fringed; mixed colors.....	.65	.15
Vesuvius. Deep crimson .....	.65	.25
Crispa. Flowers large, curled; color, from apple blossom pink to rose.....	.65	.20

PRIMULA VARIOUS SORTS

Malacoides. Resembles Primula Forbesi; flowers larger; if grown in greenhouse will bloom in four to five months after sowing; light lilac....	.65	.20
Malacoides Rosea. Light rose to carmine rose..	.65	.20
" Alba. Flowers pure white.....	.65	.20
" Superba. Large flowers of a deep rosy pink color .....	.65	.25

Primula Kewensis (<i>Verbena Scented Yellow Primrose</i>). Spikes each 12 to 18 inches long; color, soft yellow .....	.65	.25
Buttercup. Yellow flowers; fine for pots.....	.65	.25

Forbesi (<i>Baby Primrose</i>). Small flowers; fine for pots; color, rosy lilac.....	.65	.15
Cortusoides Sieboldii. Hardy perennial variety; also fine for pots; mixed colors.....	.65	.15

Veris (<i>English Cowslip</i>). Hardy perennial; fragrant; mixed .....	.30	.10
Vulgaris (<i>English Primrose</i>). The common hardy English variety; canary yellow .....	.40	.10

Ask for Cultural Leaflet No. 206 on the growing of Primulas.

Michell's "Distinctive" Stocks

The seeds we offer are hand-saved from pot-grown specimens and will produce a large percentage of double flowers.

MICHELL'S FLOWER MARKET STOCK

This is the ideal stock for either garden, cutting or forcing under glass. Plants branch freely and produce from 10 to 15 heavy spikes of extra large perfect flowers; height, 2 feet.

	Large Pkt.	Pkt.	Large Pkt.	Pkt.	
White	\$0.40	.15	Dark Blue	\$0.40	.15
Rose Pink .....	.40	.15	Blood Red .....	.40	.15
Light Blue .....	.40	.15	Mixed .....	.40	.15

MICHELL'S COLUMN STOCK

Stout plants produce just one giant spike, lined with mammoth flowers; height, 3 feet.

	Large Pkt.	Pkt.	Large Pkt.	Pkt.
Blood Red			\$0.40	.15
Pure White .....			.40	.15

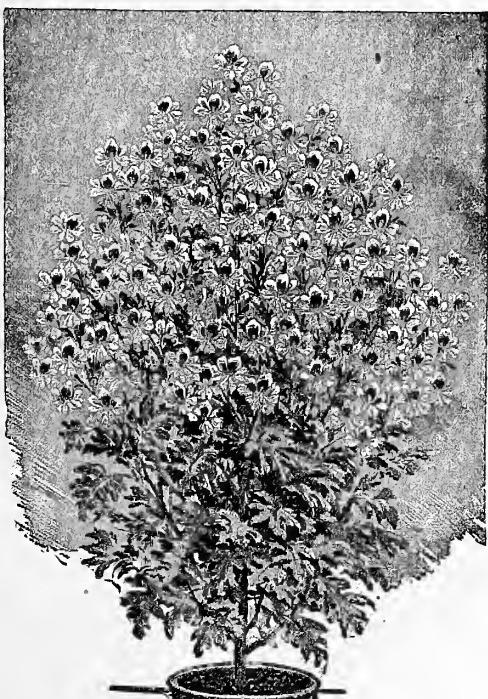
LARGE FLOWEDED DWARF TEN-WEEK STOCK

	Large Pkt.	Pkt.	Large Pkt.	Pkt.	
Blood Red	\$0.30	.10	White	\$0.30	.10
Light Blue .....	.30	.10	Yellow .....	.30	.10
Pink .....	.30	.10	Mixed .....	.30	.10
Purple .....	.30	.10			

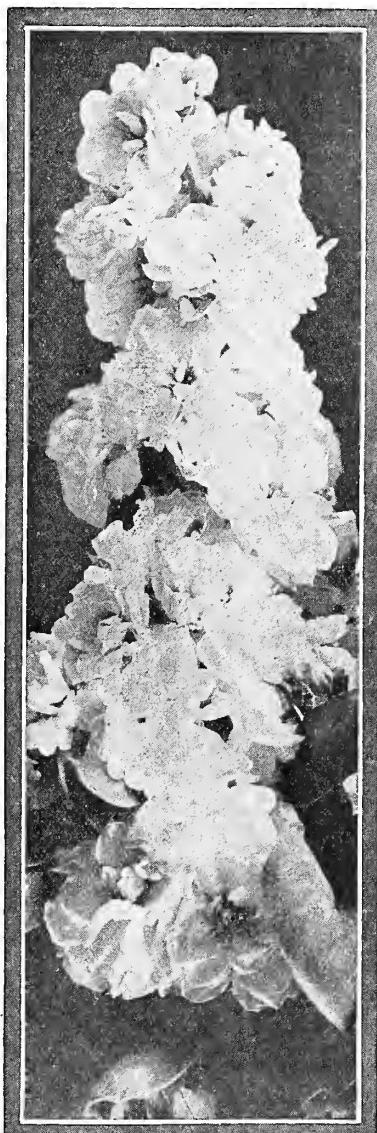
VARIOUS STOCKS

Wall-flower Leaved.	Glossy deep green foliage with flowers in all shades.....	\$0.30	\$0.10
Brompton or Winter.	Fine for forcing under glass or early summer flowering outdoor.....	.40	.10
Princess Alice (<i>Cut-and-Come-Again</i>).	Branching plants with double pure white flowers; fine for cutting .....	.40	.10
Bismarck.	A splendid sort for cutting; immense pure white flowers are regularly lined along a colossal spike (often 30 inches in length, with many side shoots).....	.40	.15
White Lady.	A new Winter Stock, with large double flowers of a lustrous snowy white.....	.40	.25

Ask for Cultural Leaflet No. 211 on the growing of Stocks.



Schizanthus—Wisetonensis



Michell's "Nice" Stock

MICHELL'S "NICE" STOCK

An early flowering strain; remarkable free bloomer, producing an abundance of large double, fragrant flowers on a single plant; fine for garden bedding or cutting.

Beauty of Nice. Delicate soft pink. Pkt., 15c.; 40c. large pkt.

Crimson King. Brilliant fiery crimson. Pkt., 15c.; 40c. large pkt.

Queen Alexandra. Delicate lavender. Pkt., 15c.; 40c. large pkt.

Victoria. Pure white. Pkt., 15c.; 40c. large pkt.

Abundance. Of dwarf spreading habit, bearing a profusion of flowers; color, a beautiful shade of carmine rose. Pkt., 15c.; 40c. large pkt.

La Brilliante. Rich brilliant crimson. Pkt., 15c.; 40c. large pkt.

Midsummer Night. Deep dark violet. Pkt., 15c.; 40c. large pkt.

Mme. Rivoire. Early flowering; color, pure white. Pkt., 15c.; 40c. large pkt.

SCHIZANTHUS (Butterfly Flower)

One of our finest hardy annuals, bearing a profusion of pretty butterfly-like flowers of various colors; also desirable for winter blooming in pots.

Hybridus Grandiflorus. Free flowering plants covered with flowers of many shades of orchid-like appearance; 12 inches.....

Pkt. \$0.25 \$0.10

Pink Beauty. A beautiful shade of rose pink.....

.40

Wisetonensis. A showy variety, largely used as a pot plant for the house or conservatory; bears a profusion of flowers ranging from white with yellow centre to pink with brown centre.....

.50 .20

Grandiflorus Maximus. Flowers extra large, and of various colors

.25

Mixed. Various colors.....

.15 .05

SHAMROCK

True Irish. Small leaved

.30 .10

SMILAX

A desirable greenhouse climber of great value for floral decorations; seed should be soaked 24 hours in warm water before sowing....oz., 50c. .15 .10

STATICE (Everlasting Flower)

Latifolia. Hardy perennial variety, with large, deep blue flowers; 2 feet.....

.30 .10

MICHELL'S SWEET PEAS

New Winter Flowering Spencer or ORCHID SWEET PEAS

Rose Queen. One of the finest varieties yet introduced. Flowers are borne freely on long stems, are of large size, and usually four flowers are produced on a stem. Color, a most attractive shade of pink. Pkt., 50c.; \$1.50 per $\frac{1}{4}$ oz.; per oz., \$4.50.

Yarrawa. Flowers exquisitely waved, and of large size, many of them being duplex or double. Color, a pleasing shade of bright rose pink with lighter wings. Pkt., 15c.; \$1.25 per oz.; per $\frac{1}{4}$ lb., \$4.00.

	Pkt.	Oz.
Mrs. A. A. Skaach. Clear, light pink.....	.025	\$1.25
Mrs. M. Spanolin. Pure white.....	.25	1.25
Pink and White Orchid .....	.25	1.25
White Orchid .....	.25	1.25
Lavender Pink Orchid .....	.25	1.25
Mrs. William Sim Orchid. Salmon pink.....	.25	1.25
Lavender Nora .....	.15	.60
Red Orchid .....	.25	1.25
Venus. White, blushed pink.....	.25	1.25
Mixed Colors .....	.15	1.25

EARLY FLOWERING LONG SEASON SPENCER SWEET PEAS

One of the chief characteristics of these varieties is their long-season period of blooming, frequently remaining in bloom for four months. The flowers are of large size, of the best Spencer form, and are borne in threes and fours on long stems.

	Pkt.	Oz.
Early Morning Star. Deep orange scarlet or flame color in standard, with rich, orange pink wings.....	.025	\$2.25
Early Song Bird. Pale pink on white ground.....	.25	2.25
" Melody. Rose pink on white ground.....	.25	2.25
" Snow Flake. Pure white.....	.25	2.25
" Heather Bell. Mauve lavender.....	.25	2.25

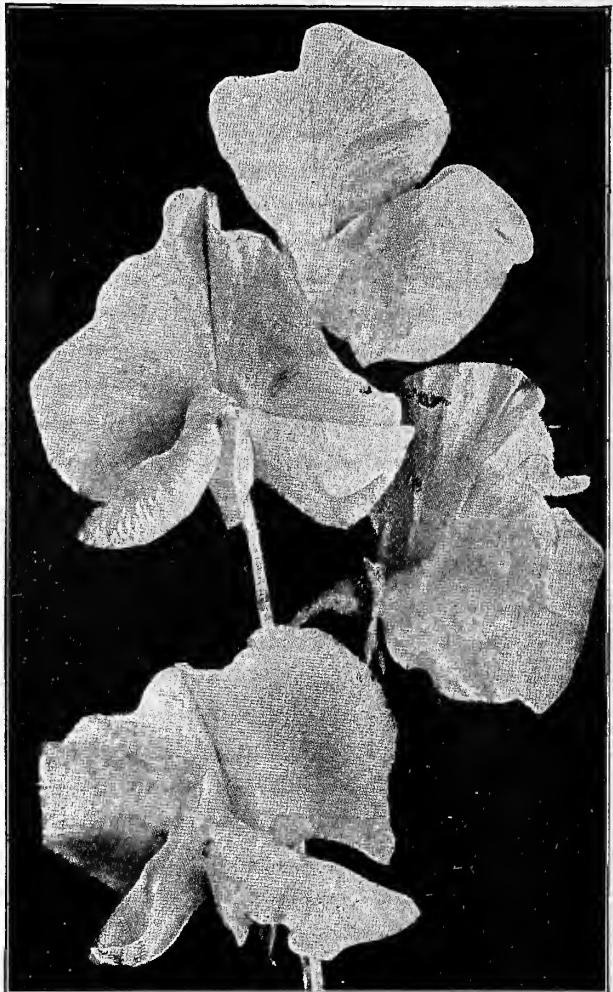
MICHELL'S CHRISTMAS OR WINTER FLOWERING SWEET PEAS

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Michell's Snowdrift. Pure white; black seeded; extra early.....	.010	.035	\$1.00	
Blanche Ferry, Extra Early. Pink and white.....	.05	.15	.50	
Christmas Meteor. Scarlet .....	.10	.20	.60	
" Pink. Pink and white.....	.10	.20	.60	
" White (Florence Denzer). .....	.10	.20	.60	
Earliest of All. Pink and white.....	.05	.15	.50	
Le Marquis. Large dark blue.....	.10	.20	.60	
Mont Blanc. Pure white.....	.05	.15	.50	
Mrs. Alex. Wallace. Lavender .....	.10	.20	.60	
Mrs. Chas. H. Totty. Lavender .....	.10	.20	.60	
Mrs. F. J. Delansky. Daybreak pink.....	.10	.20	.60	
Mrs. Geo. Lewis. Pure white.....	.10	.20	.60	
Mrs. William Sim. Salmon pink.....	.10	.20	.60	
Watchung. Pure white.....	.10	.20	.60	
Mixed. Winter flowering .....	.10	.20	.60	

SPENCER OR ORCHID FLOWERING VARIETIES

For early blooming out-doors we recommend sowing seed the latter part of November and covering with 2 or 3 inches of leaves or litter; these will bloom the following year much earlier than spring-sown seed.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Apple Blossom Spencer. Rose and pink.....	.010	.025	.075	\$2.75
Asta Ohn Spencer. Rich lavender.....	.10	.25	.75	2.50
Blanche Ferry Spencer. Pink and white.....	.10	.25	.75	2.50
Captain of the Blues Spencer. Purple and blue .....	.10	.30	.85	3.00
Constance Hinton. Large white.....	.15	.75	2.25	9.00
Countess Spencer. Soft rose pink.....	.10	.25	.75	2.50
Dobbies Cream. Cream or primrose yellow .....	.10	.30	.85	3.00
Edith Taylor. Salmon rose.....	.15	.50	1.50	5.00
Elfrida Pearson. Light pink, margined darker .....	.10	.30	.85	3.00
Ethel Roosevelt. Primrose, flaked crimson .....	.10	.30	.85	3.00
Flora Norton Spencer. Light lavender..	.10	.25	.75	2.50
Florence Morse Spencer. Delicate blush .....	.10	.25	.75	2.50
" Nightingale. Lavender.....	.10	.30	.85	3.00
Frank Dolby. Light lavender .....	.10	.20	.60	2.00



Spencer or Orchid Sweet Pea

SPENCER OR ORCHID FLOWERING VARIETIES

	(Continued)	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Fiery Cross. Orange scarlet.....		.025	....	....	....
George Herbert. Rose carmine.....		.10	\$0.25	\$0.75	\$2.50
Gladys Unwin. Delicate pink .....		.10	.15	.50	1.50
Helen Lewis. Orange pink.....		.10	.25	.75	2.50
Hercules. Giant pink .....		.10	.40	1.25	4.00
Illuminator. Salmon pink .....		.10	.50	1.50	5.00
King Edward Spencer. Crimson scarlet .....		.10	.25	.75	2.50
" Manoel Rich maroon.....		.10	.50	1.50	5.00
" White. Pure white.....		.10	.50	1.50	5.00
Margaret Atlee. Salmon pink on cream .....		.10	.40	1.25	4.00
Marks Tey. Purplish maroon.....		.15	.50	1.50	5.00
Miriam Beaver. Apricot and buff.....		.15	.50	1.50	5.00
Mrs. Cuthbertson. Standard rose pink, wings blush white.....		.10	.30	.85	3.00
Mrs. Hugh Dickson. Salmon pink on cream ground .....		.10	.25	.75	2.50
Nora Unwin. Large pure white.....		.10	.15	.50	1.50
Nubian. Maroon or deep chocolate.....		.10	.30	.85	3.00
Othello Spencer. Deep maroon.....		.10	.25	.75	2.50
Primrose Spencer. Light yellow.....		.10	.25	.75	2.50
Queen Alexandra Spencer. Scarlet .....		.10	.25	.75	2.50
Rosabelle. Giant rose .....		.10	.40	1.25	4.00
Royal Purple, Rich purple .....		.15	.75	2.25	8.00
Thomas Stevenson. Orange scarlet.....		.10	.30	.85	3.00
Vermilion Brilliant. Intense scarlet....		.10	.50	1.50	5.00
Wedgewood. Lovely self blue.....		.10	.50	1.50	5.00
White Spencer. Pure white.....		.10	.25	.75	2.50
Michell's Superb Spencer Mixture. .....		.10	.20	.60	2.00

SWEET PEAS—Continued**MICHELL'S "SUPERB" SPENCER MIXTURE**

We blend this ourselves from only the Giant Waved Spencer varieties, including a number of new hybrids of exquisite colors and shades; we are sure this mixture will give absolute satisfaction. Per pkt., 10c.; 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$2.00 per lb.

GRANDIFLORA VARIETIES

	Oz.	$\frac{1}{4}$ lb.	Lb.
America. Red striped on white.....	.15	.40	1.25
Blanche Burpee. Large, pure white.....	.15	.40	1.25
Blanche Ferry. Pink and white.....	.15	.40	1.25
Countess of Radnor. Pale lavender.....	.15	.40	1.25
Dorothy Eckford. Large white.....	.15	.40	1.25
Duke of Westminster. Standard purple, wings, violet .....	.15	.40	1.25
Emily Henderson. Pure white.....	.15	.40	1.25
Flora Norton. Delicate lavender.....	.15	.40	1.25
Hon. Mrs. E. Kenyon. Primrose yellow.....	.15	.40	1.25
Katherine Tracy. Brilliant pink.....	.15	.40	1.25
King Edward VII. Crimson scarlet.....	.15	.40	1.25
Lady Grisel Hamilton. Pale lavender.....	.15	.40	1.25
Lord Nelson. Rich navy blue.....	.15	.40	1.25
Lovely. Soft shell pink.....	.15	.40	1.25
Miss Wilmott. Deep orange pink.....	.15	.40	1.25
Navy Blue. Deep violet blue.....	.15	.40	1.25
Othello. Dark maroon .....	.15	.40	1.25
Prima Donna. Lovely soft pink.....	.15	.40	1.25
Prince of Wales. Rose crimson .....	.15	.40	1.25
Queen Alexandra. Scarlet .....	.15	.40	1.25

Michell's Gilt Edge Mixture.—This mixture contains large flowering varieties and represents almost every color and shade in Sweet Peas. Pkt., 5c.; 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.

Price, any of the above varieties, 5c. per packet.

STOKESIA (Cornflower or Stokes' Aster)

A very desirable hardy perennial plant, bearing freely from July to October handsome Centaurea-like blossoms; $1\frac{1}{2}$ to 2 feet.

Large Pkt. Pkt.

Cyanæa. Light blue.....	\$0.25	\$0.10
" Alba. Pure white.....	.30	.10

SUNFLOWER (Helianthus)

Showy perennials blooming all summer.

Golden Bouquet. Single yellow flowers; 5 feet....	.30	.10
Choice Mixed. Single flowering.....	.40	.10

SWEET ROCKET (Hesperis)

Mixed. Fragrant white and purple flowers; perennial; 2 to 3 feet15	.05
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Single Sweet William

SWEET WILLIAM (Dianthus Barbatus)

This is one of the finest of our hardy garden plants; of easy culture, thriving in any good garden soil and lasting for years. The plants grow about $1\frac{1}{2}$ feet high.

	Oz.	Large Pkt.	Pkt.
Single Crimson		\$0.60	\$0.05
" Velvet Maroon .....		.60	.05
" White .....		.60	.05
" Mixed. All colors.....		.40	.05
Pink Beauty. Fine salmon pink.....		.40	.15
Scarlet Beauty. Rich deep scarlet.....		.40	.15
Auricula Flowered. A beautiful class of "eyed" single varieties, all colors mixed..	.75	.20	.05
Double Mixed	1.00	.20	.10

VALERIANA (Garden Heliotrope)

Hardy perennial border plants; fragrant flowers; 2 to 3 ft.

Large Pkt. Pkt.

Mixed	\$0.20	\$0.05

VERONICA (Speedwell)

An elegant hardy perennial of easy culture; valuable as a cut flower or for garden effect. Plants grow bushy and produce long spikes of flowers.

Large Pkt. Pkt.

Spicata. Bright blue; 18 inches.....	\$0.30	\$0.10

VIOLA CORNUTA (Tufted Pansies)

These resemble pansies in shape and form, with the additional quality that they are of long stems, and appear uninterruptedly from early spring till snow flies.

Large Pkt. Pkt.

Admiration. Dark blue.....	\$0.40	\$0.10
Mauve Queen. Lovely mauve color.....	.30	.10

Perfection. Light blue.....	.40	.10
White Perfection. Pure white.....	.40	.10

VIOLA (Scotch Bedding Pansies)

These are very free flowering and cannot be surpassed for bedding purposes; produce larger flowers than the Viola Cornuta.

Large Pkt. Pkt.

Golden Gem. Yellow	\$0.40	\$0.15
Lutea Splendens. Rich golden yellow.....	.30	.10

Snowflake. Pure white .....	.40	.15
Mixed. From the best named Scotch varieties...	.65	.25

WALLFLOWER

While these are perennials, they are not perfectly hardy; the plants should be lifted late in the fall and planted in a cold-frame, and removed to the garden again in the spring; the flowers are fragrant and splendid for cutting: double varieties, 2 feet; single varieties, $1\frac{1}{2}$ feet.

Large Pkt. Pkt.

Double Brown	\$0.50	\$0.10
" Yellow .....	.50	.10

" Mixed. All colors .....	.50	.10
Single Mixed .....	.oz., .30c.	.15

Imported Collection. 6 double varieties.....		.50
Paris Extra Early. A single-flowering variety, which may be treated as an annual flowering the first year from seed.		

Large Pkt. Pkt.

Paris Extra Early. Blood Red.....	\$0.20	\$0.10
" " " Yellow.....	.20	.10

" " " Mixed. All colors.....	.oz., .75c.	.15
		.10

MICHELL'S COLLECTION OF HARDY PERENNIAL FLOWER SEEDS

One packet each of the following varieties for \$1.25.

Alyssum Saxatile.	Gypsophila. Paniculata.
Aquilegia. Single Mixed.	Heuchera. Sanguinea.
Calliopsis. Lanceolata Grandiflora.	Hollyhock. Double Mixed.
Campanula. Pyramidalis.	Lobelia. Cardinalis.
Delphinium. Formosum.	Poppy. Orientale.
Dianthus. Clove Scented.	Pyrethrum. Single. Mixed.
Digitalis. Gloxiniaeflora.	Scabiosa. Caucasica.
Mixed.	Stokesia. Cyanea.
Gaillardia. Grandiflora.	Sweet William. Double.
	Mixture of Perennial Flowers.

MICHELL'S PERENNIAL FLOWER GARDEN MIXTURE

To create an old-fashioned wild garden or to naturalize along roads or woods we highly recommend this mixture, as it contains many hundred varieties of the choicest old-fashioned flowers. Pkt., 10c.; 40c. per oz.; per $\frac{1}{4}$ lb., \$1.25.

MICHELL'S SEASONABLE VEGETABLE SEEDS

For complete list see our General Seed Catalog, mailed free on request.

WE PAY POSTAGE AND PACKING CHARGES

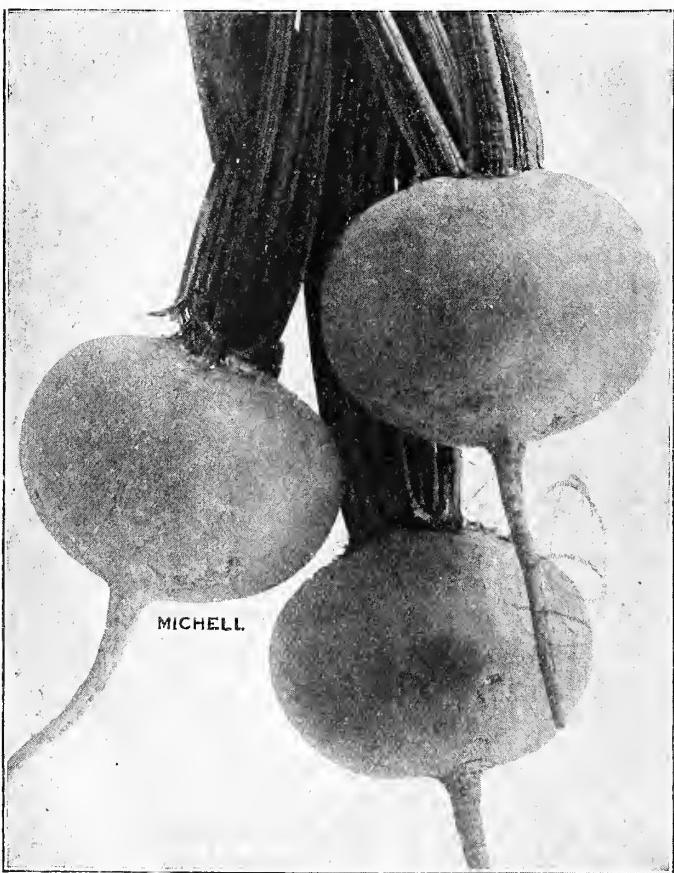
(Except as noted)

on all orders for vegetable and flower seeds, provided the order calls for packets, ounces, quarter-pounds and pounds (pints and quarts of beans, corn, cowpeas and mixed grass seeds are **not included**), or such other seeds where mention is made in catalogue. If all seeds are wanted by mail, remit for postage at the following rates. (Consult your post office for weight limits.)

No charge is made for boxes, packing or bags, except for two-bushel seamless sacks, 30c. each, which are returnable for credit at the price charged.

Mailing Weights of Seeds Usually Ordered in Measured Quantity

Corn, 1 pint.....	1 lb.	Beans, 1 pint.....	1 lb.
Corn, 1 quart.....	2 lbs.	Beans, 1 quart.....	2 lbs.
Peas, 1 pint.....	1 lb.	Lawn seed, 1 pint.....	½ lb.
Peas, 1 quart.....	2 lbs.	Lawn seed, 1 quart.....	1 lb.



Crosby's Egyptian Beet

BEET—Table Varieties

	Pkt.	Oz.	¼ Lb.	Lb.
Arlington Favorite Blood (Turnip).....	.05	\$0.15	\$0.40	\$1.50
Bassano Extra Early (Turnip).....	.05	.10	.35	1.25
Bastian's Early Turnip .....	.05	.15	.35	1.25
Bastian's Half Long Blood.....	.05	.10	.35	1.25
Crimson Globe (Michell's Improved).....	.05	.15	.50	1.75
Crosby's Egyptian (Turnip).....	.05	.15	.50	1.75
Detroit Dark Red (Turnip).....	.05	.15	.50	1.75
Eclipse Extra Early (Round).....	.05	.10	.35	1.25
Edmand's Blood (Turnip).....	.05	.10	.35	1.25
Lentz Turnip .....	.05	.10	.35	1.25
Winter Keeper .....	.10	.20	.70	2.50
Swiss Chard. Silver Leaved.....	.05	.10	.35	1.25
Swiss Chard. Giant Lucullus.....	.05	.15	.50	1.75

HENRY F. MICHELL COMPANY, 518 Market Street, Philadelphia, Pa.

BEANS FOR FORCING

These are a very prolific crop in the greenhouse during the winter months. They require little care except warmth, etc.

Sion House. A round podded sort, especially suited for forcing. A great producer \$0.10 \$0.30 \$0.60

Triumph of the Frames. For forcing, it is especially desirable; the pods are round, thin and tender, but very long..... .10 .40 .75

ENGLISH CUCUMBERS

(For Forcing)

They produce slender fruits, generally 18 to 24 inches long and 3 inches in diameter. They have a delicate flavor and possess very few seeds; for slicing, no other sort can approach them.

Lockie's Perfection, Sion House, Telegraph, Tender and True. Each per packet of 12 seeds, 25c.; \$2.00 per 100 seeds.

CAULIFLOWER

(Varieties Suitable for Forcing)

Michell's Earliest Snowstorm. Colossal heads of purest white, averaging often 10 inches in diameter; being very long and compact, it gives enormous weight to the individual heads; especially desirable for its earliness under glass. Pkt., 25c.; 50c. per large pkt.; ¼ oz., \$1.50; \$2.50 per ½ oz.; 1 oz., \$5.00.

Michell's Special Strain Selected Erfurt. One of the earliest in cultivation, small leaved dwarf; splendid forcer; the head is not as large as the Snowstorm sort. Pkt., 20c. and 50c.; 85c. per ¼ oz.; ½ oz., \$1.50; \$2.75 per oz.

Early Snowball. A splendid early variety, producing magnificent medium size white heads. Pkt., 20c. and 50c.; 85c. per ¼ oz.; ½ oz., \$1.50; \$2.75 per oz.

CAULIFLOWER PLANTS

Pot Grown

For autumn planting in cold frames; ready about November 1st.

	Per doz.	Per 100
Early Snowball	\$0.65	\$5.00
Early Erfurt .....	.65	5.00

FORCING CARROTS

Early Half Long Scarlet. A very desirable pointed root variety of fine flavor and good color..... Pkt. Oz. ¼ Lb. Lb. \$0.05 \$0.15 \$0.55 \$2.00

Rubicon Half Long. Of excellent shape and extremely well adapted for early forcing05 .15 .55 2.00

Very Early Short Horn or French Forcing. An early forcing variety; small round roots, not much larger than a Radish05 .20 .70 2.50

CORN SALAD

This is usually sown early in September and allowed to stand outside all winter. Before severe weather settles, cover the salad with a light litter of leaves, hay or straw. On mild days it can be cut just like spinach, lasting well into the spring.

	Pkt.	Oz.	¼ Lb.	Lb.
Large Leaved Round Seeded.....		\$0.05	\$0.10	\$0.30 \$0.85

CRESS

Garden and Water Cress make an excellent winter crop under glass, and will always be welcomed on the table.

Erfurt Water Cress. Pkt., 10c.; 20c. per ½ oz.; oz.; 30c.; \$1.00 per ¼ lb.

Extra Curled Garden Cress or Pepper Grass. Pkt., 5c.; 10c. per oz.; ½ lb., 20c.; 50c. per lb.



Water Cress

LETTUCE

Varieties especially suited for forcing and sowing under glass.

	Pkt.	$\frac{1}{2}$ oz.	Oz.	$\frac{1}{4}$ lb.	Lb.
All Heart	\$0.10	\$0.15	\$0.25	\$0.75	\$2.25
Big Boston (Selected Stock) ..	.05	.10	.20	.60	2.00
Boston Market (White Seeded) ..	.05	.10	.20	.50	1.50
Dutch Butter (Private Stock) ..	.10	.15	.30	1.00	2.50
Early Cabbage or White Butter ..	.05	.10	.15	.45	1.50
Emperor Forcing .....	.05	.10	.20	.50	1.60
Grand Rapids (Forcing) .....	.05	.10	.20	.50	1.50
Davey's Improved Big Boston ..	.10	.20	.40	1.25	....
Unrivaled .....	.05	.10	.20	.60	2.00
Way-ahead .....	.10	.15	.25	.65	....

For other Varieties see our General Seed Book

KALE

This can be sown early in September, broadcast or in drills. When severe cold weather is at hand it should be protected with a covering of straw, salt hay or other litter. On mild days it can be gathered readily, making an excellent winter greens, which will last well into spring.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Dwarf Green Curled	\$0.05	\$0.15	\$0.50	\$1.50
Dwarf Green Scotch .....	.05	.15	.50	1.50
New Imperial Long Standing .....	.05	.15	.50	1.50

FORCING MELONS OR CANTALOUPE

They require a very warm well-shaded house, thriving best in good rich soil. If you have a spare corner try a few plants. A single plant produces a number of fruits.

	Per pkt.
Blenheim Orange, Invincible Scarlet, each.....	\$.25
Sutton's A1 .....	.50
Windsor Castle .....	.25
Melon Nets. For supporting forcing melons in greenhouses, made very strong. \$1.25 per doz.; per 100, \$9.00.	



Tree or Top Onions

ONION SETS

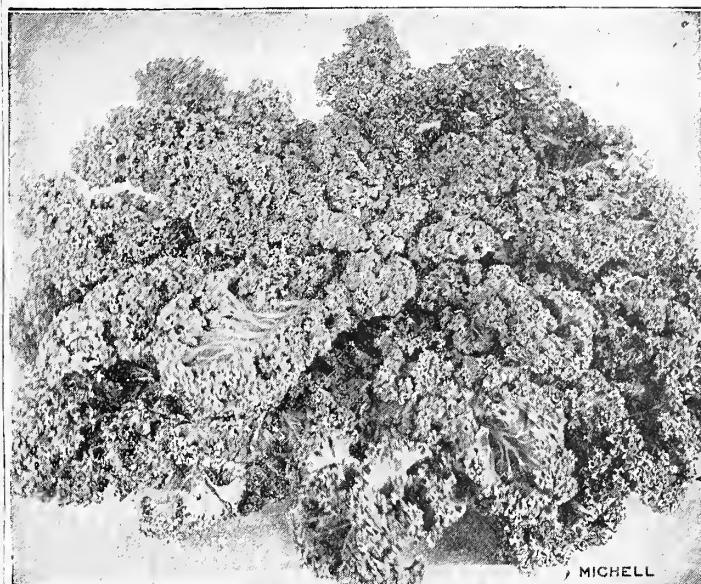
	Qt.	4 qts.	Peck
Tree or top	\$0.20	\$0.60	\$0.90
White .....	.25	.90	1.50
Yellow .....	.20	.70	1.25

PARSLEY

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Champion Moss Curled	\$0.05	\$0.15	\$0.40	\$1.25
Double Curled (Covent Garden) .....	.05	.15	.40	1.25
Hamburg or Rooted .....	.05	.15	.40	1.25

Our General Catalogue gives a full description of all varieties of Vegetable Seeds we offer

(hi)



Dwarf Green Scotch Kale

RADISH

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Black ($\frac{1}{2}$ Long Winter)	\$0.05	\$0.10	\$0.30	\$1.00
Black Spanish (Round Winter) .....	.05	.10	.25	.75
California White Winter .....	.05	.10	.30	.75
Cardinal Globe .....	.05	.10	.30	1.00
Cardinal Globe (Improved Strain) .....	.05	.15	.40	1.25
Celestial or White Chinese (Winter) .....	.05	.10	.30	1.00
Crimson Giant (New) .....	.05	.15	.35	1.00
French Breakfast .....	.05	.10	.30	.85
Icicle (Long, Pure White) .....	.05	.10	.30	.85
Icicle (Improved Strain) .....	.05	.15	.40	1.25
Large White Summer (Turnip-shaped) .....	.05	.10	.30	.75
Long Scarlet Short Top .....	.05	.10	.25	.80
Round Red Forcing or Button .....	.05	.10	.30	.85
China Rose (Winter) .....	.05	.10	.25	.70
Round White Forcing or Button .....	.05	.10	.30	.85
White Box (Felton's Private Stock) .....	.05	.15	.30	1.00
White Box (Philadelphia Grown) .....	.05	.10	.25	.75
White Strasburg ($\frac{1}{2}$ Long) .....	.05	.10	.25	.70

SPINACH

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Bloomsdale (Improved Strain)	\$0.05	\$0.15	\$0.50	\$1.50
Long Season (New) .....	.05	.15	.50	1.50
New Zealand .....	.05	.10	.35	1.25

TOMATOES (Adapted for Forcing)

Michell's Cracker Jack. One of the best for forcing; its productiveness is wonderful and is quite free from acid. Fruits are of medium size and of a brilliant rich scarlet color. Per pkt., 15c.; 25c. for 2 packets; $\frac{1}{2}$ oz., 30c.; 60c. per oz.

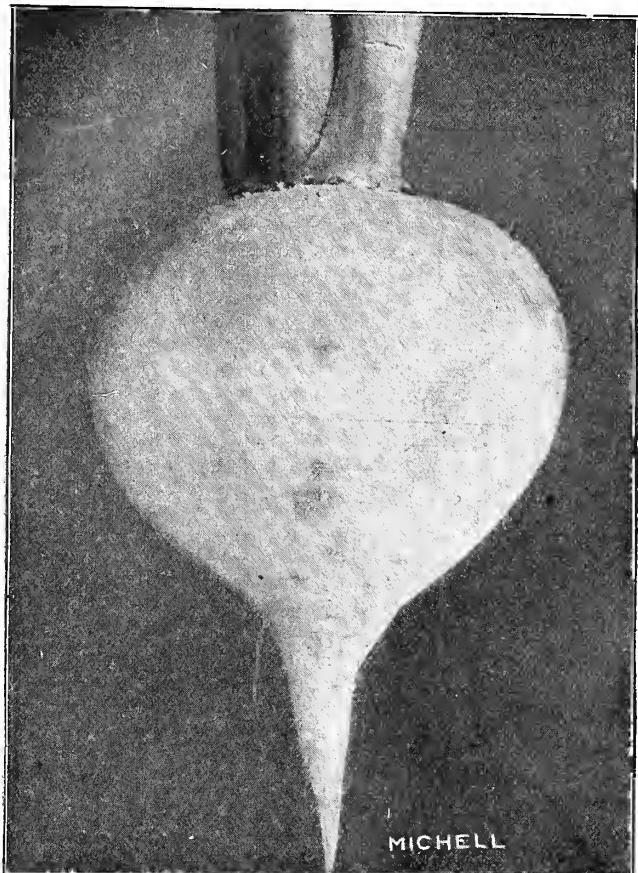
Balch's Fillbasket. Fine forcer; 15c. pkt.; $\frac{1}{2}$ oz., 25c.; 50c. oz.; per $\frac{1}{4}$ lb., \$1.75.

Sutton's Best of All. One of the finest varieties in use in England, and the seed we offer is grown from Sutton's original stock. The fruit is medium sized, and of an intense red color, containing but few seeds, it is produced in clusters of from 3 to 6 fruits. Pkt., 10c.; 25c. $\frac{1}{2}$ oz.; oz., 50c.; \$1.75 per $\frac{1}{4}$ lb.

Comet. A cluster averages 6 tomatoes of medium size of the brightest red, ripening up to the stem. One of the first to ripen and continues in bearing for a long while. Pkt., 10c.; 20c. per $\frac{1}{2}$ oz.; oz., 35c.; \$1.25 per $\frac{1}{4}$ lb.

Sutton's Eclipse. A very smooth fruit, borne singly on plants which produce little foliage, a good point in a forcing tomato. vermillion red color; original packets, 50c.

MICHELL'S SEASONABLE VEGETABLE SEEDS, PLANTS AND ROOTS



Private Strain Improved Purple Top White Globe Turnip

TURNIP AND RUTA BAGA

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
Cow Horn .....	.05	\$0.10	\$0.35	\$1.00
Early Purple Top, Flat.....	.05	.10	.30	1.00
Purple Top White Globe (Private Stock)	.05	.15	.40	1.50
Purple Top White Globe.....	.05	.10	.35	1.25
Robertson's Golden Ball .....	.05	.10	.30	1.00
Ruta Baga, Yellow Purple Top.....	.05	.10	.35	1.25
Ruta Baga, " " "(Private Stock) .....	.05	.15	.40	1.50
Snow Ball, Extra Early, White.....	.05	.10	.30	1.00
White Flat Dutch, Strap Leaved.....	.05	.10	.30	1.00
White Milan, Extra Early.....	.05	.15	.40	1.25
Yellow Aberdeen, Flat .....	.05	.10	.30	1.00
Yellow Globe or Amber .....	.05	.10	.30	1.00

WITLOOF CHICORY OR FRENCH ENDIVE

This most delicious vegetable is becoming more popular each year. The roots can be planted either under the bench of a greenhouse or in a light, warm portion of the cellar. A cold frame also makes an ideal place to force them. We can furnish Witloof Chicory in strong roots, ready from December until stock is exhausted. 10c. each; doz., \$1.00; \$7.00 per 100.

ASPARAGUS ROOTS (Ready in October)

The handling of this crop is carefully described in our leaflet on Asparagus Culture, which is mailed free or included with orders, if asked for. The two-year-old roots usually produce two years after planting, the three-year-old may be cut lightly one year after planting.

	2 Year Old Roots	3 Year Old Roots		
		100	500	1000
Giant Argenteuil. Violet and white	\$1.00	\$4.00	\$7.50	\$1.75 \$7.50 \$15.00
Barr's Mammoth. Dark green	1.00	4.00	7.50	1.50 6.50 12.50
Columbian Mammoth White. Pure white.....	1.00	4.00	7.50	1.50 6.50 12.50
Conover's Colossal. Light green	1.00	4.00	7.50	1.50 6.50 12.50
Palmetto or Eclipse. Light green	1.00	4.00	7.50	1.50 6.50 12.50

CAULIFLOWER PLANTS (Pot Grown)

For autumn planting in cold frames. (Ready about Nov. 1st.)

	Doz.	100
Early Snowball	\$0.65	\$5.00
Early Erfurt .....	.65	5.00

LAVENDER (Hardy)

Used for its flowers, which when dried are strewn among clothing to keep away moths. Pot-grown plants. .20c. each; per doz., \$2.00; \$12.00 per 100.

MINT (Hardy)

This is used for making mint sauce and juleps, also in many other ways. The plants are hardy and when once established remain for years. Pot-grown plants.

Spearmint. 15c. each; per doz., \$1.20; \$7.00 per 100.

Peppermint. 15c. each; per doz., \$1.20; \$7.00 per 100.

RHUBARB ROOTS (Ready in October)

Victoria Large Clumps. 15c. each; \$1.25 per doz.; per 100, \$7.00. Parcel Post Weight, per root, 1 lb.

Victoria Extra Large Clumps for Forcing. 25c. each (not mailable); \$2.50 per doz.; 25 for \$4.25; \$15.00 per 100.

ROSEMARY (Hardy)

This makes an attractive border plant, also used extensively for various medicinal purposes. Pot-grown plants. 20c. each; doz., \$2.00; \$12.00 per 100.

SAGE (Hardy)

Holt's Mammoth. Large leaved variety, used in gravies, stews and also for medicinal purposes. Pot-grown plants. 15c. each; per doz., \$1.20; \$7.00 per 100.

WINTER SAVORY (Hardy)

A popular herb, used in flavoring, etc. Pot-grown plants. 25c. each; doz., \$2.50; \$15.00 per 100.

TANSY (Hardy)

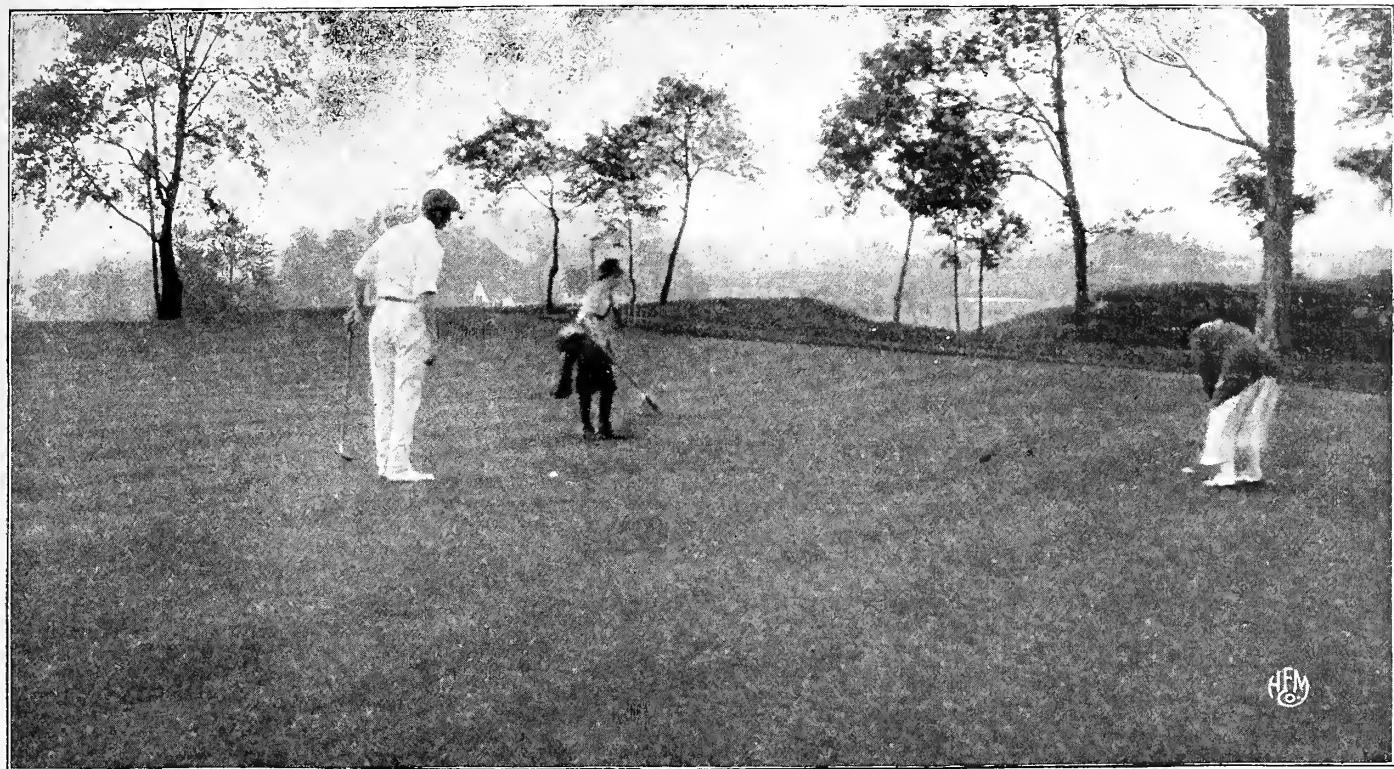
For medicinal purposes this herb is of great value. 15c. each; doz., \$1.20; \$7.00 per 100.

TARRAGON (Hardy)

These are hardy if given plenty of protection in winter. Do not plant them in an exposed place. Extra large pot-grown plants. 25c. each; per doz., \$2.50; \$17.50 per 100.

THYME (Hardy)

English Broad Leaved. This is almost an indispensable herb; once planted it remains permanent for years. Pot-grown plants, 15c. each; doz., \$1.20; \$7.00 per 100.



A Scene at Sunnybrook Golf Club, Flourtown, Pa. Michell's Grass Seeds Used Extensively

MICHELL'S RECLEANED GRASS SEEDS

September and October are Ideal Months for Sowing Grass Seeds

MIXTURES FOR LAWNS

Michell's Clover Lawn Grass. The increasing demand for a grass seed mixture, containing a larger proportion of White Lawn Clover, induced us to offer this brand. After extensive trials we have produced a mixture of grasses, mixed with a most liberal quantity of best recleaned white clover. Especially suited to take firm hold and grow quickly on hard, worn out or burned spots; splendid for seashore lawns. Pint, 30c.; 50c. qt.; 2 qts., 90c.; \$1.75 for 4 qts.; per peck, \$3.00; \$11.50 per bushel.

Michell's Top Notch. 25 lbs. per bushel. The finest Lawn Mixture in existence, and can justly be called the top-notch of quality. It is a perfectly blended combination of quick growing; very compact, fine bladed grasses, that will produce a perfect lasting turf in a few weeks. Price, \$2.00 per pk.; $\frac{1}{2}$ bush., \$3.75; \$7.00 per bushel of 25 lbs.; 2 bushels, \$13.50; \$32.50 per 5 bushels; 100-lb. lots and over, 26c. lb.

Michell's Green Velvet. 20 lbs. per bushel. Produces a perfect lawn in 4 to 5 weeks' time. Sow 4 bushels per acre. Prices: 1 pt., 20c.; 30c. per qt.; 4 qts., 85c.; \$1.25 per peck; per bushel, \$5.00; \$24.00 per 5 bushels; 100-lb. lots and over, 24c. lb.

Michell's Evergreen. 20 lbs. per bushel. The standard Lawn Mixture in the United States. Sow 4 bushels per acre. Prices: Pint, 15c.; 25c. per qt.; 4 qts., 75c.; \$1.00 per peck; bushel (20 lbs.), \$4.00; \$19.50 per 5 bushels; 100-lb. lots and over, 19 $\frac{1}{2}$ c. lb.

Michell's Shaded Lawn Grass. After extensive experimenting we have combined a mixture of grasses that will produce perfect swards in the most densely shaded places. Prices: 1 pt., 15c.; 25c. per qt.; 2 qts., 45c.; 85c. per 4 qts.; peck, \$1.25; \$5.00 per bushel (20 lbs.); 5 bushels, \$24.00; 100-lb. lots and over, 24c. lb.

Woodlands Grass Mixture. A mixture of hardy grasses, that have given splendid satisfaction in thickly wooded locations (Norway Maples and Pine Trees excepted). 1.00 per pk. (5 lbs.); per bushel of 20 lbs., \$4.00; \$19.50 for 5 bushels; 100 lbs. and over at 19 $\frac{1}{2}$ c. lb.

MIXTURES FOR PLEASURE GROUNDS

Michell's Fair Greens (Golf Course) Mixture

The formula for this mixture was reached after a lifetime experience of the late P. F. Foy, at the time Superintendent of the Philadelphia Country Club, Bala, Pa., and we have improved it from time to time.

Composed of short-growing, deep-rooted varieties, resists plenty of wear. Sow 6 bushels per acre.

Prices: Qt., 25c.; 2 qts., 45c.; 4 qts., 75c.; 1 peck, \$1.25; 1 bu. (20 lbs.), \$5.00; 5 bu., \$22.50; 100-lb. lots and over, 22 $\frac{1}{2}$ c. lb.

Michell's Putting Greens Mixture

A quick-growing mixture of short grasses, over which the ball can roll without resistance. Our formula for this has been reached after many extensive tests, and those who desire to sow it, will not be disappointed in the results they get from it. We do not recommend less than a bushel of 25 lbs. (and more is better) to a green 75 feet square.

Prices: 1 qt., 30c.; 4 qts., \$1.00; 1 peck, \$2.25; 1 bush. (25 lbs.), \$8.50; 5 bush., \$40.00; 100-lb. lots and over, 32c. lb.

Teeing Grounds Mixture. 20 lbs. per bushel. Used on golf courses or in places where a tough resisting turf is wanted. 25c. qt.; 4 qts., 65c.; \$1.00 per peck (5 lbs.); bushel (20 lbs.), \$4.00.

Tennis Court Mixture. Grass courts are again becoming very popular. Will produce a first-class tennis court. 25c. per qt.; 2 qts., 45c.; 75c. for 4 qts.; peck, \$1.25; \$4.50 per bush. (20 lbs.); 5 bush., \$21.25; 100-lb. lots and over, 21 $\frac{1}{4}$ c. lb.

WHITE CLOVER

Choice recleaned for sowing on lawns, pastures, etc. Sow 10 to 12 lbs. per acre (60 lbs. per bu.). $\frac{1}{4}$ lb., 20c.; 60c. lb.; 5 lbs., \$2.80; \$5.50 for 10 lbs.; bu. (60 lbs.), \$30.00; \$50.00 per 100 lbs.

Note—All Grass Mixtures except Putting Greens and Golf Course contain white clover. Any of them, however, can be furnished without this.

MICHELL'S SPECIAL MIXTURES OF GRASSES

Fairmount Park Lawn Seed. A very fine mixture indeed, meeting the requirements of those desiring a moderately priced grass seed. Sow 4 bushels to the acre on new lawns or $2\frac{1}{2}$ bushels in renovating old lawns. Prices: Per qt., 20c.; 35c. for 2 qts.; 4 qts., 60c.; 85c. per pk.; per bu. of 15 lbs., \$3.00; \$14.50 for 5 bush.; 100-lb. lots and over, 19c. lb.

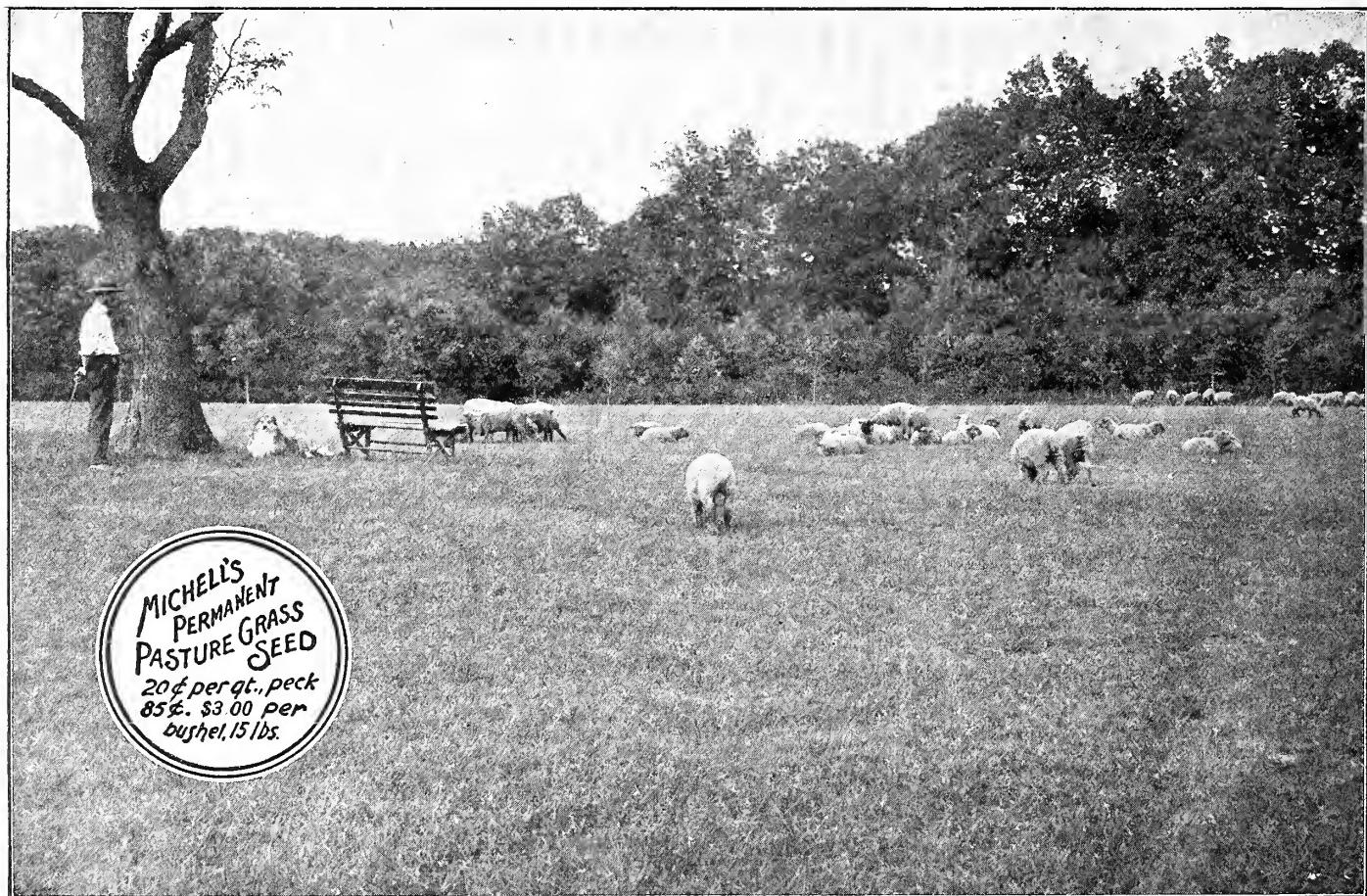
Michell's Seashore Formula Grass Seed. The salt atmosphere plays havoc with the seashore lawn. This formula contains such grasses only as thrive in salt air regions. Sow 4 bushels to the acre on new ground or $2\frac{1}{2}$ bushels for reseeding old lawns. Prices: Per qt., 25c.; 45c. for 2 qts.; 4 qts., 85c.; 1.25 per pk.; per bu. of 20 lbs., \$5.00; 5 bu., \$24.00; 100-lb. lots and over, 24c. lb.

Michell's Terrace or Embankment Grass Seed. Sow 4 bushels per acre. Prices: Per qt., 25c.; 40c. for 2 qts.; 4 qts., 75c.; \$1.25 per pk. per bush. of 20 lbs., \$5.00; 5 bush., \$24.00; 100 lbs. and over, 24c. lb.

Southern States Lawn Grass Seed. Made up especially for dry, hot localities, especially suited to the Southern States. 15 lbs. per bushel. Prices: 20c. per qt.; 2 qts., 35c.; 60c. for 4 qts.; pk., \$1.00; \$3.50 per bu.; 5 bu., \$16.25; 100 lbs. and over, 21c. lb.

Special Sod Grass Seed. A quick growing mixture, making a very tough and heavy sod in a short time; especially valuable for cemeteries, tennis courts, pleasure grounds, etc. 15 lbs. per bush. Prices: 25c. per qt.; 2 qts., 40c.; 75c. for 4 qts.; pk., \$1.00; \$4.00 per bush.; 5 bush., \$18.75; 100 lbs. and over, 25c. lb.

Michell's Poultry Yard Grass Mixture. Makes a quick permanent sod for chicken runs, furnishing a variety of green food. 20c. per qt.; 35c. for 2 qts.; 4 qts., 60c.; 85c. per pk.; bu., \$3.00.



Michell's Permanent Pasture Grass Seed. In the past few years ideas of what was the best way to establish a permanent grazing sod have undergone many changes. The method of sowing timothy and clover has been found not only costly but too short lived. Michell's Permanent Pasture Grass Seed is composed of about 10 of the best growing and most nutritious grasses and clovers for stock feeding or grazing. One sowing will last many years, although we advise additional sowings each autumn just previous to which a light harrowing is recommended to give the grass a quick hold. Sow 3 to 4 bushels per acre on new lands or 2 bushels on established pastures (15 lbs. per bushel). Prices: Per qt., 20c.; 4 qts., 50c.; pk., 85c.; bush. (15 lbs.), \$3.00; 5 bush., \$13.75; 100-lb. lots, 18c. lb.; 200-lb. lots and over, 17c. lb.

Michell's Permanent Hayfield Grass Seed. While timothy is still extensively sown for this purpose, this mixture is gradually being adopted by the progressive farmer. Its main advantages are that certain grasses in the mixture will grow better in varying conditions of soil, thus giving a full crop of hay. Sow 3 to 4 bushels per acre on new lands, or 2 bushels on established fields (15 lbs. per bushel). Prices: Per qt., 20c.; 4 qts., 50c.; pk., 85c.; bush. (15 lbs.), \$3.25; 5 bush., \$14.00; 100 lb. lots, 18c. lb.; 200-lb. lots and over, 17c. lb.

An **English Chain Harrow** is ideal in preparing grass lands.
 No. 1 F—For 1 horse, 5 x 6 feet. Weight, 126 lbs.....\$22.00
 No. 2 F—For 2 " 6 x 7 $\frac{1}{4}$ " " 236 " 32.00
 No. 3 F—For 2 " 9 x 11 " " 357 " 38.40



**MICHELL'S
"HAY FIELD"
GRASS SEEDS**

PER QT. 20 ^c	PER 4 QT. 50 ^c
PER PECK 85 ^c	PER BUSHEL \$3 25
5 BUSHELS \$14.00	
100-LB. LOTS AND OVER	
18C. LB.	

MICHELL'S RECLEANED GRASS SEEDS, in Separate Varieties

Bermuda Grass. For sowing as far North as Washington, D. C., above which latitude it is not hardy. 60c. per lb.; 5 lbs., \$2.50.

Blue Grass, Fancy Kentucky (*Poa Pratensis*). Our stock of this is extra fine, thoroughly recleaned; sow 3 to 5 bu. per acre on lawns, 2½ to 3 bu. on pasture fields (bu. 14 lbs.) Per lb., 30c.; peck, 1.00; per bu., \$3.75; \$25.00 per 100 lbs.

Blue Grass Canadian (*Poa Compressa*). Makes an ideal pasture highly relished by cattle; excellent also for sowing on embankments; sow in same proportions as Kentucky Blue Grass seed (bu. 14 lbs.). Lb., 25c.; bu., \$2.50; 100 lbs., \$15.00.

Creeping Bent. Adapted admirably for lawns, also putting greens, tennis courts, etc.; sow 4 bu. per acre (20 lbs. per bu.). Price on application.

Crested Dogstail (*Cynosurus Cristatus*). Excellent as a pasture and lawn grass. Sow 3½ to 4 bu. per acre (21 lbs. per bu.). Price, 50c. lb.; bu., \$9.00; \$40.00 per 100 lbs.

English, or Perennial Rye Grass (*Lolium Perenne*). (*Pacey's Fancy Short Seeded.*) This makes the quickest returns in growth of any grass; is deep rooted and is readily established. Sow 3 bu. per acre (24 lbs. per bu.) Price, 20c. per lb.; per bu., \$3.25; \$13.00 per 100 lbs.

Fine Leaved, or Slender Fescue (*Festuca Tenuifolia*). This grass is especially valuable for dry soils. Sow 3 bu. per acre (bu. 14 lbs.). Price, 60c. per lb.; bu., \$7.00; \$55.00 per 100 lbs.

Herd, or Red Top Fancy Recleanned. This is one of the best grasses for sowing for immediate effect. Our stock is free from chaff and is absolutely pure. Sow 25 lbs. per acre (32 lbs. per bu.). Price, 30c. per lb.; per bu., \$7.00; \$20.00 per 100 lbs.

Herd, or Red Top Unhulled (*Agrostis Vulgaris*). Sow 4 to 5 bu. per acre on lawns or 3 bu. on pasture lands (10 lbs. per bu.). Price, 15c. per lb.; per bu., \$1.25; \$10.00 per 100 lbs.

Hard Fescue (*Festuca Duriuscula*). A splendid grass for golf links, tennis courts, etc.; will resist droughts. Sow 3 bu. per acre (12 lbs. per bu.). Lb., 60c.; bu., \$7.00; 100 lbs., \$55.00.

Italian Rye (*Lolium Italicum*). Very desirable for pasture; being an annual, it comes to maturity the first season. Sow 50 lbs., per acre (18 lbs. per bu.). Price, 20c. per lb.; bu., \$2.75; \$13.00 per 100 lbs.

PRICES SUBJECT TO MARKET CHANGES

Note.—If Grasses are wanted by parcel post, allow for postage when remitting.

Meadow Fescue (*Festuca Pratensis*). Sow 40 to 50 lbs. per acre (22 lbs. per bu.). Price, 20c. per lb.; bu., \$3.00; \$12.00 per 100 lbs.

Orchard Grass (*Dactylis Glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Sow 40 lbs. per acre (12 lbs. per bu.). Price, 30c. per lb.; per bu., \$3.25; \$22.00 per 100 lbs.

Red, or Creeping Fescue (*Festuca Rubra*). Very valuable for sowing on sandy soil and in shaded places. (14 lbs. per bu.). Price, 60c. per lb.; bu., \$7.50; \$50.00 per 100 lbs.

Rhode Island Bent. For sowing at seashore resorts, on putting greens, tennis courts, etc.; 40 lbs. per acre (14 lbs. per bu.). Price on application.

Sheep's Fescue (*Festuca Ovina*). For sowing on lawns, fields or pleasure grounds. Sow 40 lbs. per acre (12 lbs. per bu.). Price, 60c. per lb.; bu., \$7.00; \$55.00 per 100 lbs.

Sudan Grass. A new forage crop of immense value. Two and often three cuttings can be obtained from it under favorable condition. This grass is not hardy in the North. 20 lbs. per acre. 50c. per lb.

Sweet Vernal Annual (*Anthoxanthum Od. Puelli*). Sow 5 lbs. per acre with other grasses. Price, 40c. per lb.

Sweet Vernal Perennial (*Anthoxanthum Odoratum Real*). Price, 75c. per lb.

Tall Meadow Oat (*Avena Elatior*). A valuable lawn and pasture grass, especially for use in the South. Sow 5 bu. per acre (10 lbs. per bu.); 35c. lb.; bu., \$3.00; \$25.00 per 100 lbs.

Timothy (*Phleum Pratense*). Sow ½ bu. per acre. (45 lbs. per bu.). 15c. per lb. Price varies constantly; ask for quotations.

Wood Meadow (*Poa Nemoralis*). The best grass for sowing under trees where a lawn is desired. Sow 30 lbs. per acre (14 lbs. per bu.). Price, 65c. lb.; bu., \$8.00; 100 lbs., \$55.00.

Michell's Choice Recleaned Seed Wheat, Etc.

Prices of Seed Wheat fluctuate constantly and will be quoted on request

"MIRACLE" (Beardless)

This valuable Wheat was introduced by us in the vicinity of Philadelphia in 1911. We kept track of parties to whom we shipped it, and we learned, without a single exception, that it is all we represented it to be. It produces a magnificent, heavy growth of straw, which is very stiff and erect. The head is bearded and contains well-shaped wheat berries of a semi-hard red nature of excellent milling qualities. It is a tremendous stouter, one grain producing as many as 25 stalks with often 45 grains to the head or stalk. It is readily seen that this wheat should produce on average conditions an enormous crop, its usual rating being anywhere from 40 to 50 bushels per acre under average conditions. The introducer impresses upon us very forcibly **not to recommend the sowing of more than one-half bushel per acre**, as if seeded heavier it is liable to choke itself, on account of its free stooling habit. It is early to mature, and produces straw often 5 feet high.

"FULTZO-MEDITERRANEAN" (Beardless)

This is a cross of the "Fultz" and the old "Mediterranean" Wheats. The berry is short, plump, and red. Chaff white and smooth. The heads are of medium length, very compact, well filled and inclined to widen at the top. By careful selections and reselections for a series of years our grower succeeded in eliminating practically all the bearded heads formerly found in Fultzo-Mediterranean. For earliness or stiffness of straw it cannot be excelled. It stools well and 1½ to 2 bushels per acre is sufficient to sow. Coming from two vigorous hardy varieties, it has inherited the good qualities of both its parents. It frequently produces over 40 bushels per acre.

FOUR-ROWED FULTZ (Beardless)

Four-rowed Fultz has a tendency to produce spikelets composed of four grains of wheat arranged in a row close together. Although the heads are only of medium length, in most cases they contain more wheat than heads of other varieties that are much longer.

Four-rowed Fultz is **extremely early**. The berry is of medium size, hard, red in color. Chaff is white. Straw is of medium length, strong and stiff. It is adapted for practically any variety of soils and is unsurpassed for hardiness.

On average and rich soils, Four-rowed Fultz will give straw of great length, will stool out wonderfully, making a thick growth.

Four rowed Fultz has numerous records of yield of 40 bushels per acre on average land. On select land as much as 50 bushels per acre has been harvested. Sow 1½ to 2 bushels per acre.

LANCASter-FULCASTER (Bearded)

A reselection from the old "Fulcaster" and one of the purest wheats now offered. There are few other varieties that will do quite as well on soils of average quality. Farmers who are not able to raise even fair crops on rather thin soils should sow "Lancaster-Fulcaster." Even under adverse conditions this variety will produce a satisfactory crop of straw and a surprising crop of grain. Even on thin soils the grain will be of full size. The grain is of finest quality, a genuine long berry, dark red and hard. The chaff is white and the straw is long and stiff.

Lancaster-Fulcaster is a great favorite with millers on account of its splendid milling qualities. It will carry through extreme winters and withstands attacks of insect pests and disease better than any other variety. Sow 1½ to 2 bushels per acre.

LEAP'S PROLIFIC (Beardless)

Stools out strongly, roots deeply and is a good producer. The grain is hard, large, dark red; the chaff white, the straw long and stiff; ripens early. It is a splendid all round variety. Sow 1½ bushels per acre.

MICHELL'S RECLEANED ALFALFA (*Medicago Sativa*)

The most valuable forage crop on the American farm today, and can be truly termed a mortgage lifter. It is sown during May, August and September, these being the best months for success, although it can be sown at other times with a possible chance of doing well. Careful preparation of the soil previous to sowing is the main thing. Our special Circular on Alfalfa goes into this carefully and is free for the asking. Sow not less than ½ bushel (30 lbs.) per acre, preferably with no other crop. **Our seed is always over 99% pure**, and will invariably give the best of results. Price, per lb., 25c. Write for price on larger quantities, as it changes.



NITROGEN-GATHERING BACTERIA

Alfalfa and other Leguminous Farm Crops will grow more abundantly if the seed is inoculated with high bred Bacteria

FARMOGERM

A nitrogen gathering bacteria to be used when planting or sowing leguminous plants, like clover, peas, beans, etc. State crop it is wanted for when ordering. Garden size bottles, 30c. and 50c.; acre size bottle, \$2.00; \$6.00 per 5-acre bottle.

ALPHANO-INOCULANT

For seed and soil inoculation. Inoculates all clovers, soja beans, lupins, vetches and all other Legumes, that collect Nodule Nitrogen.

One acre size (2 lbs.) \$1.00
Ten acre size (10 lbs.) 8.00
per 5-acre bottle. \$1.50; \$5.00 per acre size.

MULFORD'S CULTURES

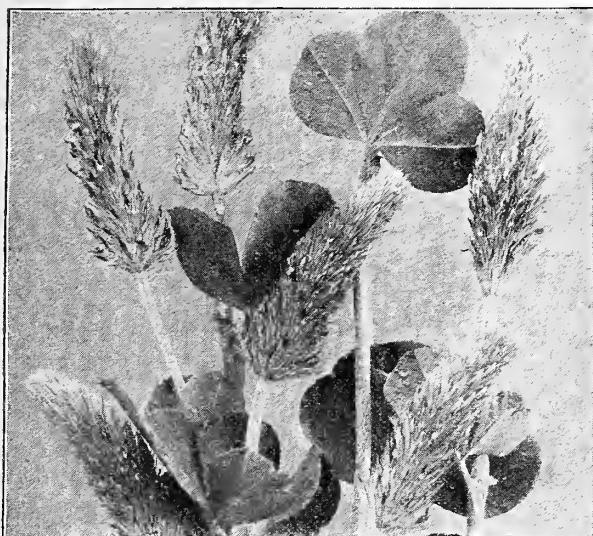
For inoculating clovers and other legumes of all kinds. When ordering, please state for what crop you desire to use it. Garden Size, ¼ acre, 50c.; 1-acre size, \$1.50; \$5.00 per acre size.

Send for descriptive circulars on above Nitrogen-Gathering Bacteria

2 Bushel Seamless Bags for all Farm Seeds, 30 cents each (returnable)

(hi)

Lancaster-Fulcaster



Crimson Clover

Alfalfa (see page 44).

Alsike or Swedish Clover (*Trifolium Hybridum*). One of the best for mixing with timothy; it is perfectly hardy in every climate or soil condition and seldom has to be re-seeded. Under ordinary conditions it grows from 1 to 2 feet high, is sown early in the spring or late summer and early autumn. It is as nutritious as red clover and is rapidly coming to the front as a valuable farm crop. The flower resembles the white clover except that the head is larger and has a red tinge on the edge. Sow 10 to 15 lbs. per acre alone or 8 lbs. per acre with timothy. Price on application.

Bokhara or Giant Sweet Clover (*Melilotus Alba*, Syn. *M. Leucantha*). Used either as a feed crop or as a fertilizer to plow under. Grows from 4 to 6 feet high. It will thrive on almost any kind of soil. If you have thin, rocky, hard or sour soil, which you wish to enrich, this is just the crop for you to grow. It will make two hay crops the first year and the fodder is considered the best for cows, cattle and hogs. **We handle only the true, white-flowered variety.** Sow 15 lbs per acre in early spring alone, or 10 lbs. per acre with other crops. Price on application.

Crimson Clover (*Trifolium Incarnatum*). Delaware Grown Seed. This is used principally for soiling or green manuring, for which purposes it is highly valuable. If desired for feed, cut it just before it flowers. When desired for green manure it should be allowed to mature; its height is from 1 to 2 feet. Sow any time from April to October, the earlier the better, 20 lbs. to the acre. If sown in early spring it can be plowed down the first year, although no other crop can be raised on the field that season. Fall or late summer seeding makes it possible to use the field the following season. It is not hardy; flowers crimson. Price on application.

Mammoth Red Clover (*Trifolium Pratense Perenne*). Sometimes called Sapling or Pea Vine Clover and English Cow Grass. This differs from the "Medium," being of a ranker growth and yielding more fodder per acre. It ripens somewhat later and is more hardy, lasting several seasons longer than the medium red clover. It also does well on poorer soils. The seed cannot be distinguished from the former. Our supply, however, is strictly reliable. Sow in early spring or in July and August, using 20 lbs. per acre alone or with other crops 10 lbs. per acre; flowers pink. It can be harvested several times in a season. Price on application.

Red Clover, Medium (*Trifolium Pratense*). More widely known and used than any other, used principally for hay purposes. Height from 18 inches to 2½ feet. Sow early in the spring or in late summer—July and August; if alone, 20 lbs. per acre; if with other crops, 10 lbs. per acre. It is not hardy for a period of years, being usually resown every third season; flowers pink. Price on application.

CLOVERS (Continued)

White Dutch or Lawn Clover (*Trifolium Repens*). This is valuable for pasturage; it succeeds where other clovers and grasses fail, and it seldom dies out. It can be sown at all seasons, although early spring is best; flowers greenish white. Sow 10 to 12 lbs. per acre if alone or 5 lbs. if sown on old turf or with other crops. ¼ lb., 20c.; 60c. lb.; 5 lbs., \$2.80; \$5.50 for 10 lbs.; \$50.00 per 100 lbs.

VIRGINIA GRAY WINTER OATS

Grown principally in the South, where they are hardy. They can be sown further North in the spring and produce good crops. 15c. qt. Larger quantity, price on application.

DWARF ESSEX RAPE

For pasturing sheep and hogs. Sow 6 lbs. per acre broadcast. Price on application.

WINTER RYE

Penna. Large White. Sow 1 to 1½ bushels per acre during fall. An excellent green food in spring, and may be used for turning under or harvesting. Price on application.

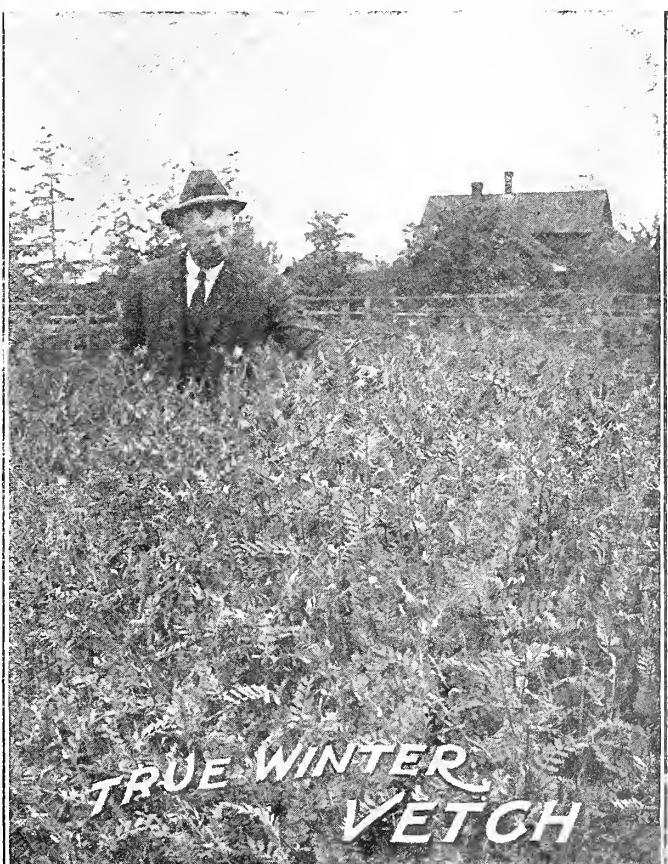
RECLEANED TIMOTHY

Our stock is of very best quality; for sowing among wheat as a second-year hay crop or for sowing alone for a first-year hay crop this is extensively used. Sow ½ bu. per acre alone or 6 to 8 qts. with wheat. Write for price.

WINTER VETCH (*Vicia Villosa*)

True Sand or Hairy Vetch

Our stock of this is the true type, being imported by us direct from Russia and which will absolutely live throughout the winter. There is also an English strain on the market which is not hardy in the Northern sections of the United States, and buyers should beware when buying that they procure the right article, which is a small round black seed; this is far superior to Crimson Clover, as it never winter-kills. Sow from August 1st to October 1st, but the earlier the better, broadcast, 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed in as green manure, or when in flower cut for hay. All stock relish it keenly. Price on application.



TRUE WINTER
VETCH

MICHELL'S HYDRANGEAS FOR FORCING

NOVELTY FRENCH HYDRANGEAS

Joconde. Pure white, very large flower heads.

Lakme. Cream white, shading pale pink.

Mme. Foucard. Ruby rose.

Mme. Nicolas Lambert. Pale rose; large flowering.

Mme. A. Rosenkrænzer. Pale mauve.

Magenta. Clear rose; large, perfect flowers.

Mme. Rene Jacquet. Flesh colored; very fine.

Price of any of the above varieties, 50c. each; doz., \$5.00. Special offer—One each of the 7 sorts for \$3.00.

RECENT VARIETIES FRENCH HYDRANGEAS

Baby Bimbinet. A compact dwarf grower, free and early bloomer, large trusses of silvery pink.

Beaute Vendomoise. Immense flower heads with large florets; white tinted pink.

***Eclaireur.** The nearest approach to red.

Harmonie. Very large trusses with a fast color of pink.

La France. Very large flowers of a delicate rose pink shade.

Le Perle. A splendid white variety.

Liberte. An attractive shade of pale pink, with enormous flower heads.

Louis Moulliere. A pleasing shade of deep rose pink.

Prices of New French Hydrangea listed above as follows:

	Each	Doz.	100
2½-inch Pot Plants.....	\$0.30	\$2.50	\$17.50
4 " " "	.60	5.00	40.00
6 " " "	.85	7.50	60.00

*Can be supplied in 2½-inch and 4-inch pots only.

HYDRANGEA OTAKSA

This is the old-fashioned favorite Japanese variety that usually flowers pink. It produces enormous flower trusses in great numbers. The plant increases in size and flower ability each year and is the ideal variety for planting extensively at the seashore.

	Each	Doz.	100
2½-inch Pot Plants.....	\$0.25	\$2.00	\$12.50
4 " " "	.40	3.50	25.00
6 " " "	.60	5.00	40.00
8 " " "	1.00	11.00	....
10 " Tub "	1.75	....	....
12 " " "	3.25	....	....

STANDARD FRENCH VARIETIES

Avalanche. Large head; pure white flowers. A real beauty when in full bloom.

Botaniste Peltreau. Fringed flowers of gigantic size, of a brilliant lavender-pink color.

Bouquet Rose. Very large flower heads of a uniform shape. When first opened the flower is a shade of amber, which later turns to a brighter pink.

E. G. Hill. Considered the best pink, producing enormous flower trusses. The color in this variety remains perfect for a long while.

General de Vibraye. One of the very best, with enormous flower heads of a bright rose color. It is quite early, flowering with Madam E. Moulliére, to which it is an excellent contrast in color.

Madame Maurice Hamar. Large trusses of a delicate flesh-pink shade.

Monsieur G. Renault. Very free flowering type, blooming somewhat earlier than the rest. The flower has a slight reflex of carmine, while the body of the bloom is rich pink.

Mme. Emile Moulliére. This is the best of the newer kinds, bearing gigantic trusses with immense florets, the latter being often 2 inches in diameter. Pure white, with rich carmine eye.

Radiant. Brilliant rose pink, much brighter and showier than others of the same color.

Souvenir de Mme. Chautard. Of dwarf, compact habit, with brilliant rose-colored flower trusses.

La Lorraine. Gigantic flowers and trusses, pale rose pink, changing to a rich pink.

Prices of any of the above varieties: Each Doz. 100
2½-inch Pot Plants..... \$0.25 \$2.00 \$12.50
4 " " " .40 3.50 25.00
6 " " " .60 5.00 40.00
8 " " " 1.00 11.00
10 " Tub " 1.75
12 " " " 3.25

We have a limited supply of extra strong specimen plants in 10-inch tubs with 10 to 15 shoots of the following varieties: **General de Vibraye**, **Avalanche**, **Bouquet Rose**, **Radiant**, **Mad. E. Moulliére**, which we offer at \$2.50 each.

MICHELL'S PLANTS FOR AUTUMN PLANTING

FIELD GROWN CARNATION PLANTS

For winter blooming in conservatory and greenhouse. Our Carnation plants are grown at our own nurseries and will give immediate results indoors.

	Each	Doz.	100
Alice. Clear blush pink.....	\$0.25	\$2.50	\$15.00
Beacon. Bright red.....	.25	2.50	15.00
Benora. Pure white, penciled red.....	.25	2.50	15.00
Champion. Rich scarlet.....	.25	2.50	15.00
Enchantress. Soft pink.....	.25	2.50	15.00
Enchantress Supreme. Deep pink.....	.25	2.50	15.00
Eureka. Scarlet; very fine.....	.25	2.50	15.00
Gorgeous. Rich glowing crimson.....	.25	2.50	15.00
Matchless. Pure white.....	.25	2.50	15.00
Miss Theo. .....	.25	2.50	15.00
Mrs. C. E. Akehurst. Clear rose pink.....	.25	2.50	15.00
Mrs. C. W. Ward. Clear pink.....	.25	2.50	15.00
Rosette. Dark pink.....	.25	2.50	15.00
White Wonder. Large pure white.....	.25	2.50	15.00
White Enchantress. Pure white.....	.25	2.50	15.00

MICHELL'S SEEDLINGS

Pansy Plants. Michell's Giant Exhibition strain. Mixed colors. 50 for \$1.00; \$1.50 per 100; per 1000, \$10.00.

Myosotis (Forget-Me-Not). Strong seedlings. 50 for \$1.00; \$1.50 per 100; per 1000, \$10.00.

Bellis Perennis (Double Daisy). Monstrosa strain, white and pink; separate; 50 for \$1.00; \$1.50 per 100; per 1000, \$10.00.

Not less than 50 seedlings of a kind sold.

FIELD-GROWN VIOLET CLUMPS

These extra fine plants will flower freely under glass in winter or in cold frames and outdoors in the early spring. Single plants can be mailed at prices quoted, plus 10c. each for postage.

Double Russian. Deep blue (hardy).

Lady Hume Campbell. Double, light blue.

Luxonne. Large single blue.

Princess of Wales. Single blue.

Swanley. Double white.

Prices for any of the above extra large plants, 25c. each (by mail, 30c.); \$2.25 per doz.; per 100, \$15.00.

Our Violets are extra large field grown clumps and are worth many times more than small plants at low prices.

BEGONIA, GLOIRE DE LORRAINE

Beautiful rose pink in color, and a very profuse bloomer. As Christmas plants, they are almost indispensable.

2½-inch pots, \$3.00 per doz.; per 100, \$22.50.

4 " " 75c. each; per doz., \$7.50.

6 " " specimen plants, \$1.50 each; doz., \$15.00.

MICHELL'S HARDY PERENNIALS FOR AUTUMN 47 PLANTING

Fall is one of the best times for setting out perennial plants; they invariably establish themselves quickly and more permanently than when put out in the spring, at which time the season is shorter, a greater rush exists, and the weather frequently gets hot before they have made any growth in their new environment. Autumn planting frequently means a year's difference in results obtained the following spring, and they are usually more gratifying than from spring-set plants.

SHIPPING SEASON RANGES FROM SEPTEMBER TO NOVEMBER 15

ACANTHUS (Bear's Breech)

Mollis Latifolius. Highly decorative. Rose colored, large heart shaped leaves. 3 ft. September. 25c. each; doz., \$2.50; \$17.50 per 100.

ACHILLEA (Sneezewort)

A graceful plant with finely cut foliage. Flowers the entire summer.

Boule de Neige (Ball of Snow). An improvement on The Pearl; flower pure white; 2½ feet high.

Eupatorium. Brilliant yellow; 4 to 5 ft. **Millefolium Cerise Queen.** Rich amaranth; 18 inches high; red.

Ptarmica Plena, The Pearl. Flowers the entire summer on strong, erect stems 2 feet high; of the purest white.

Ptarmica Grandiflora, Fl. Pl. An improvement of the Ptarmica Plena; flowers much larger. 25c. each; doz., \$2.50. Price of any of the above (except where noted), 20c. each; doz., \$2.00; \$12.00 per 100.

ACONITUM

(Monk's Hood or Helmet Flower)

Bushy plants, blooming in clusters of beautiful helmet-shaped flowers from late summer till frost. Well adapted for shade.

Autumnale. Deep purplish blue, flowers in September; 3 feet.

Fischeri. Grows 18 inches high, yielding pale blue flowers.

Lycocotonum. A free-flowering pale yellow variety; June and July.

Napellus. Dark blue; August and September. 3 to 4 feet.

Napellus Bicolor. Dark blue and white; 3 to 4 feet.

Spark's Variety. The darkest blue of all; 5 to 6 feet.

Stroekianum. July and August. Rich blue; magnificent flower spikes; 4 feet.

Wilsoni. A variety from Northern China, growing 6 feet high; pale violet blue; flowers in September.

Price of Aconitums, 25c. each; doz., \$2.50; \$17.50 per 100.

ADONIS (Bird's Eye)

These harbingers of spring, with their finely cut ornamental foliage, are of Japanese origin.

Amurensis. Large single yellow flowers; 12 inches high. 50c. each; doz., \$5.00.

Amurensis Fl. Pl. Double yellow flowers; 12 inches high. 50c. each; doz., \$5.00.

Vernalis. Bright yellow; 6 inches; April to May. 25c. each; doz., \$2.50; \$17.50 per 100.

ADENOPHORA

Potanini. Handsome bell-shaped blue flowers; borne on branching spikes. 20c. each; doz., \$2.00; \$12.00 per 100.

AEGOPODIUM (Bishop's Weed)

Podograria Variegata. Green and yellow variegated foliage; 1 foot high. 20c. each; doz., \$2.00; \$12.00 per 100.

AETHEOPAPPUS (New)

Pulcherrimus. The pink flowers resemble Giant Cornflowers. Splendid for cutting; July; 2½ feet high. 25c. each; doz., \$2.50; \$17.50 per 100.



Anemone Japonica

ANEMONE JAPONICA

(Windflower)

As a last greeting of autumn these gay flowers appear in wondrous brilliancy and produce a wealth of bloom just before nature clothes the earth with a mantle of frost.

Alba. Large, pure white; 3 to 4 feet.

Alice. While we have some good sorts in white and lavender pink, there never has been a real pink until this variety was placed on the market. Height, 15 inches. 25c. each; doz., \$2.50; \$17.50 per 100.

Coupe d'Argent. An erect growing, free-flowering variety with large double white flowers; 3 feet. 25c. each; doz., \$2.50; \$17.50 per 100.

Enchantment (New). A beautiful new sort. The large flowers are double, cream-white; back of petals shaded pink, which makes it an excellent combination; 3½ feet. 35c. each; doz., \$3.50.

Geante Blanche. This is the largest single white; a fine, bold flower; really one of the very best. 25c. each; doz., \$2.50; \$17.50 per 100.

Hupehensis (New). A new introduction from China. They grow about 12 inches high and are covered from August until frost with masses of pale mauve pink flowers. 25c. each; doz., \$2.50.

Lady Ardilaun. Produces an abundance of pure white, semi-double flowers, excellent for cutting; a strong grower. 4 feet. 25c. each; doz., \$2.50.

Loreley. Semi-double mauve pink flowers, usually 2½ to 3 inches in diameter; one of the finest of recent introductions. 25c. each; doz., \$2.50; \$17.50 per 100.

Pennsylvanica. Our native Windflower. White flowers with a tinge of red on the under side. 18 inches high.

Prince Henry. Deep rich pink double flowers; perfect form.

Purpurea. Semi-double flowers; deep rose. 25c. each; doz., \$2.50; \$17.50 per 100.

Queen Charlotte. Semi-double flowers of a rich pink shade; one of the finest.

Rubra. Rich rosy red, 3 to 4 feet.

Whirlwind. Large semi-double, pure white.

Price of Anemones, except where noted, 20c. each; doz., \$2.00; \$12.00 per 100.

ARABIS (Rock Cress)

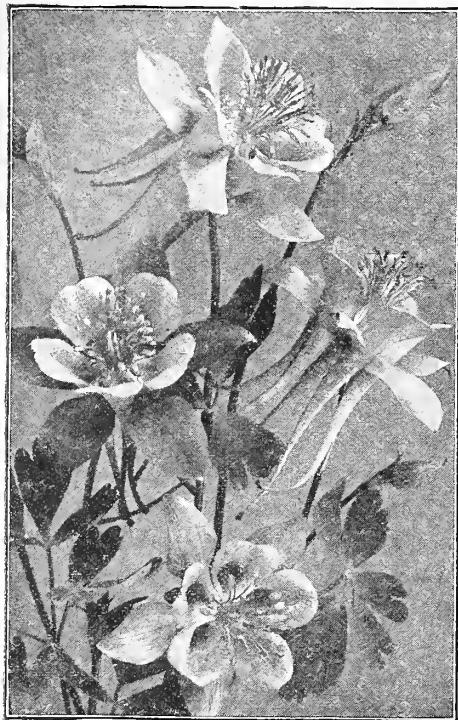
Dwarf bushy plants six inches high; ideal for rockeries and borders. It remains in flower a long while, presenting a perfect carpet of bloom.

Alpina. Single snowy-white flowers. 15c. each; doz., \$1.50; \$10.00 per 100.

Alpina Fl. Pl. Double white, very showy. 25c. each; doz., \$2.50; \$17.50 per 100.

Alpina Rosea (New). A distinct novelty. The plants are literally covered with rose-pink flowers in April and May. 25c. each; doz., \$2.50; 100, \$17.50.

48 MICHELL'S HARDY PERENNIAL PLANTS



Aquilegia or Columbine

AQUILEGIA (Columbine)

For spring flowers these are invaluable, producing their graceful spurred flowers on stems rising 2 feet over their elegant foliage, during May and June. *Canadensis*. Bright red and yellow. *Chrysanthia*. Bright yellow, long flowers. *Chrysanthia Alba*. Pure white, long spurred.

Cœrulea. Blue and white, long spurred.

Flabellata Nana Alba. Dwarf; pure white.

Haylodensis. Satiny rose, long spurred; a splendid new sort. 25c. each; doz., \$2.50; \$17.50 per 100.

Helene. A large blue flowering sort with pure white spurs.

Nivea Grandiflora. Pure white; long spurred.

Rose Queen. A newer variety of a pleasing shade of delicate pink, long spurred flowers.

Californica Hybrida. A grand mixture of long spurred varieties covering all shades and colors in this class.

Erskine Park Hybrids (Mixed Colors). A grand mixture of finest varieties, including every color in Columbines.

Price of Aquilegias, except where noted, 20c. each; doz., \$2.00; 100, \$12.00.

ARTEMISIA

Abrotanum (Old Man). Dark green foliage, with a pleasant aromatic order.

Lactiflora. An excellent perennial with flower stems 3 to 4 feet long, covered with creamy white flowers. August until late September. 25c. each; doz., \$2.50; per 100, \$17.50.

Pedemontana. Very ornamental variety, with finely cut silvery foliage; 2 feet high.

Stellariana (Old Woman). Silvery foliage; extensively used for carpet bedding; 18 inches.

Price of Artemisias, except where noted, 20c. each; doz., \$2.00; \$12.00 per 100.

HARDY ASTERS (Michaelmas Daisy)

Tall-flowering, stately plants, which may be used with splendid effect in borders and as specimens in lawns, in large groups or beds. They thrive equally well in sun or partial shade. For cutting they are invaluable.

Abendrote (Evening Glow). 2½ feet high, with rosy red flowers. 25c. each; doz., \$2.50; \$17.50 per 100.

Advance (New). Clear Cambridge blue, bright yellow disc; 5 feet; Sept.-Oct. 25c. each; doz., \$2.50; \$17.50 per 100.

Amethystinus. Beautiful amethyst blue; a very rich shade; Oct.-Nov. 25c. each; doz., \$2.50; \$17.50 per 100.

Beauty of Colwall. A grand double-flowering type of a beautiful lavender shade; height, about 4 feet; Sept. 25c. each; doz., \$2.50; \$17.50 per 100.

Beauty of Ronsdorf. Of a branching habit, covered with large delicate lilac rose flowers from August to October. 25c. each; doz., \$2.50; \$17.50 per 100.

Climax (New). A clear light blue, with large golden centre; flowers are often 2 inches across; lasting a long time when cut. 4 to 5 feet; September. 25c. each; doz., \$2.50; \$17.50 per 100.

Ericoides Alba. Lovely heather-like foliage, densely covered with white flowers; very graceful; September; 3 to 4 ft. 25c. each; doz., \$2.50; \$17.50 per 100.

Ericoides Superba. Graceful branching habit; pale blue flowers; 6 feet; Oct. 25c. each; doz., \$2.50; \$17.50 per 100.

Feltham Blue. One of the most decorative blue varieties; 2½ feet.

Grandiflorus. The flowers are of a beautiful dark violet, often measuring 2 inches in diameter; October-November; 2½ feet. 25c. each; doz., \$2.50; \$17.50 per 100.

Lady Trevelyan. Pure white; 4 feet; Aug. to Oct. 25c. each; doz., \$2.50; \$17.50 per 100.

Marjorie Hickman (New). Silvery mauve flowers of fine form; good for cutting; 4 to 5 feet; September. 25c. each; doz., \$2.50; \$17.50 per 100.

Nancy Ballard (New). Rosy lilac of erect habit, producing its flowers in great profusion; 4 feet; August. 50c. each; doz., \$5.00.

Photograph. Excellent for cutting; 2½ feet; flowers white, shaded lavender. 25c. each; doz., \$2.50; \$17.50 per 100.

Ptarmacoides. Small, pure white flowers; dwarf; a continuous bloomer and a desirable border plant. 20c. each; doz., \$2.00.

Queen (New). Best described as a white Climax; with only a faint tinge of blush. 4 to 5 feet; September. 50c. each; doz., \$5.00.

Robert Parker. Fine lavender blue, with yellow centre; very tall; September.

Roseus Superbus. Of sturdy, branching habit, and forms a round flower head; about 2 feet high, with exquisite rose-colored blooms.

St. Egwin. Densely branched, producing beautiful pink flowers; 3 feet; Sept. Price of the Asters (except where noted), 20c. each; doz., \$2.00; \$12.00 per 100.

ALPINE ASTERS

Flowering in June and July. For rockwork they are almost indispensable.

Alpinus (Blue Mountain Daisy). Flowers bright purple; 6 inches high.

ALPINE ASTERS (Continued)

Alpinus Albus. White flowers, 6 inches. **Amellus Preciosa**. Deep dark violet.

Subcœruleus. Bright mauve flowers with yellow centres. 2 feet.

Price of Alpine Asters, 25c. each; doz., \$2.50; \$17.50 per 100.

ASCLEPIAS (Butterfly Weed)

Tuberosa. A showy plant, 2 feet high, with large heads or clusters of orange flowers blooming in July and August.

Incarnata. Very showy; 2½ feet high; rose pink; July-August. Price of Asclepias, 20c. each; doz., \$1.50; \$10.00 per 100.

ASTILBE

They like a half shaded location, and plenty of moisture.

Davidii. The stems, which are 5 to 6 feet high, are crowned with feathery plumes of deep rose violet flowers; June-July. 25c. each; doz., \$2.50; \$17.50 per 100.

Grandis. The panicles of white flowers are frequently 2½ feet long; very attractive; fine foliage; blooms July-August. 25c. each; doz., \$2.50; \$17.50 per 100.

ASTILBE ARENDSSI

The plants of this Spiraea type are of vigorous growth; 2½ to 3 feet high, producing branched feathered heads of flowers in June and July.

Ceres. Brilliant lilac rose.

Juno. Vigorous grower, with plumes of a deep violet color.

Salmon Queen. Graceful plumes of a beautiful salmon pink.

Venus. Plumes are of a brilliant purplish pink color.

Vesta. Light lilac rose plumes.

Prices of the above Astilbes (except where noted), 40c. each; doz., \$4.00; per 100, \$25.00.

Special Offer.—One each of the above Astilbe Arendsi for \$1.75.

AUBRIETIA (Wall Cress)

A suitable plant for rock gardens; the broad mass of light green foliage is covered with a sheen of flowers in spring and summer; 6 inches high.

Bougainvillei. Very showy, purple flowers.

Græca. Deep purple.

Leichtlini. Bright reddish crimson.

Price of the above, 20c. each; doz., \$2.00; \$12.00 per 100.

BAPTISIA (False Indigo)

Australis. Foliage is dark green, deeply cut; the flowers are dark blue, borne on spikes, in June and July; 2 feet high.

Tinctoria. Spikes of bright yellow blossoms, 2-3 feet.

Price of Baptisia, 20c. each; doz., \$2.00; \$12.00 per 100.

BOCCONIA (Plume Poppy)

Cordata. A splendid plant, growing sometimes 6 feet high, bearing panicles of creamy-white flowers in July and August; makes a grand effect as a centre in a hardy bed or a border background. 20c. each; doz., \$2.00; \$12.00 per 100.

BOLTONIA (False Chamomile)

Tall-growing, showy plants, with hardy aster-like flowers, appearing in September; 5 to 7 feet.

Asteroides. Pure white; 5 to 6 feet.

Latisquama. Pink, tinted lavender; 6 feet. **Latisquama Nana**. Pink, tinted lavender; 2 feet high.

The above, 20c. each; doz., \$1.50; \$10.00 per 100.

MICHELL'S HARDY PERENNIAL PLANTS 49

CALIMERIS (Starwort)

Incisa. Attractive border plant, growing from 1 to 1½ feet high. The daisy-like flowers are of a delicate lavender shade, with a yellow centre; July to September. 25c. each; doz., \$2.50; \$17.50 per 100.

CALLIRHOE (Poppy Mallow)

Involucrata. Large crimson flowers, with white centre, much resembling a giant mallow or Hibiscus; blooms all summer. 20c. each; doz., \$2.00; \$12.00 per 100.

Lineariloba. Large Poppy-like flowers, crimson and white; 9 inches; June-September. 20c. each; doz., \$2.00; \$12.00 per 100.

CAMPANULA (Bell Flower)

Showy perennial plants of special merit; some are tall, suitable for borders; others are dwarf, for rockeries and edging. They delight in a good rich loam, preferring a semi-shaded place.

Alliariæfolia. Graceful stems of white flowers, blooming in July; 3 feet high.

Calycanthemæ (Cup and Saucer). These are biennials, and last only one season, when planted in the autumn: Pink, White, and Blue, each color separate; height, 18 inches; June-July.

Carpatica (Carpathian Hare Bell). Very dwarf and shrubby; ideal for border or rockery planting, being about 8 inches high; flowers from June till frost.

Blue and White, each separate.

Glomerata (Cluster Bell Flower). Violet-colored flowers; July and August; height, 20 inches.

Media (Old-fashioned Canterbury Bells). This is a biennial type, and will last only one season, when planted in the autumn. It flowers freely in June, July and August, and grows 3 to 4 feet high. Blue, Pink, and White, in separate colors, also in Mixed colors.

Pyramidalis (Chimney Bell Flower). The tallest of all Bell flowers, growing from 5 to 7 feet in height, the massive flower stalks being dressed with the beautiful bells from August till October. Blue and White, each separate. 25c. each; doz., \$2.50; \$17.50 per 100.

Persicifolia (Peach Bell). Extremely hardy, making a splendid show in June and August. The stately spikes are tall, often 3 feet high.

Alba. Pure white.

Cœrulea. Light blue.

Tachelium (Coventry Bells). Purple flowers; June and July; 3 feet high.

Latifolia Macrantha. Very handsome, large drooping bells of a fine satiny lilac and deep purplish shades. 3 feet.

Humosa. Large semi-double bells of the most beautiful blue. 2½ to 3 feet. 25c. each; doz., \$2.50.

Mœrheimi. A handsome variety with large open pure white semi-double flowers, borne on stiff, erect flower stalks. 25c. each; doz., \$2.50.

Rotundifolia (Blue Bells of Scotland). Light, graceful spikes of drooping deep blue flowers. 6 to 12 inches.

Price of the Campanulas (except where noted), 20c. each; doz., \$2.00; \$12.00 per 100.

CASSIA (American Senna)

Marilandica. A desirable perennial yielding enormous sprays of oddly formed flowers, bright yellow; the foliage is also showy; 3 to 4 feet; July and August. 20c. each; doz., \$2.00; \$12.00 per 100.

CARYOPTERIS

Mastacanthus (Blue Spiraea). The flowers are light blue and are borne in globe-shaped heads; 2 feet high; Sept.-Oct. 20c. each; doz., \$2.00; \$12.00 per 100.

CATANANCHE (Cupid's Darts)

The flowers, which are splendid for cutting, resemble somewhat the Cornflower, blooming during July and August.

Bicolor. Blue and white; 2 feet high.

Cœrulea. Bright blue; 2 feet. The above 20c. each; doz., \$2.00; \$12.00 per 100.

CEDRONELLA (Balm of Gilead)

Cana. Long spikes of purple, salvia-like flowers, with highly scented foliage; 2½ feet high; July to September. 20c. each; doz., \$2.00; \$12.00 per 100.

CENTAUREA (Perennial Cornflower)

Fine border plants, producing flowers suitable for cutting; 2 feet high; flowering from July to September.

Dealbata. Bright rose; 18 inches high.

Macrocephala. Golden yellow.

Montana. Rich violet blue.

Montana Alba. Pure white.

The above 20c. each; doz., \$2.00; \$12.00 per 100.

CERASTIUM (Mouse Ear)

Tomentosum. A low, creeping evergreen, with silvery foliage and white flowers. Good for rockeries, much used for covering graves; does well in the sun. 20c. each; doz., \$2.00; \$12.00 per 100.

CHAMAEPEUCE (Blessed Thistle)

Diacantha. Thistle-like, crimson flowers, 2½ feet high; August and September. 20c. each; doz., \$2.00; \$12.00 per 100.

CHELONE (Shellflower)

Handsome plants, growing 2 feet high, and bearing numerous spikes of large flower heads during summer and autumn.

Glabra Alba. Cream white flowers.

Lyoni. Lovely soft pink flowers.

Lyoni Speciosa. Dwarf light pink.

Price of Chelones, 25c. each; doz., \$2.50; \$17.50 per 100.

CHRYSANTHEMUM

Arcticum (Arctic Daisy). A native of Alaska. It is very attractive, having pretty dark green foliage, and multitudes of pure white flowers, 2 to 2½ inches across. Sept. to Nov.

Maximum Vemorensense. The flowers are single, borne on stems 18 inches long and often measuring 3 inches in diameter; pure white; July to September.

Leucanthemum Davisii. Pure white, with yellow disc; very free and early bloomer.

Shasta Daisies. Mixed. A mixture of the leading varieties of white sorts. 20c. each; doz., \$2.00; \$12.00 per 100.

Nipponicum. A Japanese species, 2 feet high, with thick foliage and large pure white flowers; Sept.-Oct.

Price of above Chrysanthemums (except where noted), 25c. each; doz., \$2.50; \$17.50 per 100.

CIMICIFUGA (Snake Root)

Racemosa. Tall growing plant, 4 to 6 feet high, well suited for borders or naturalizing at the edge of woods; flowers pure white; July and August. 25c. each; doz., \$2.50; \$17.50 per 100.

Dahurica. Bold, erect flower stems, over 4 feet high with a wealth of creamy white flowers in August and September. 25c. each; doz., \$2.50; \$17.50 per 100.

Simplex. One of the latest plants to flower, beginning to bloom in late September and attaining its greatest beauty about Mid-October. The spikes, 2 to 3 feet long, are covered with beautiful white flowers; excellent for cutting. 40c. each; doz., \$4.00.

CLEMATIS (Shrubby)

Davidiana. A beautiful variety, with bell shaped deep blue fragrant flowers; 3 feet high; August and September. 20c. each; doz., \$2.00; \$12.00 per 100.

Recta. Very effective plant, with large showy clusters of pure white flowers. 25c. each; doz., \$2.50; \$17.50 per 100.

COREOPSIS

Lanceolata Grandiflora. Flowers rich golden yellow of graceful form and fine for cutting. The flowers are produced in thousands on a single plant; June till October; 3 feet. 20c. each; doz., \$1.50; \$10.00 per 100.

Verticillata. A slender growing perennial. Flowers rich golden yellow. 2 feet. 20c. each; doz., \$2.00; \$12.00 per 100.

CORONILLA (Crown Vetch)

Varia. A rampant creeper with handsome globular flower heads of showy bright pink and white sweet pea shaped flowers. 20c. each; doz., \$2.00; \$12.00 per 100.

DELPHINIUMS (Hardy Larkspur)

The hardy larkspur succeeds well under the most trying conditions, flowering continuously from June till frost.

Bella Donna. The most continuous blooming of all; clear turquoise-blue flowers. 25c. each; doz., \$2.50; \$17.50 per 100.

Chinense Azureum. Two feet tall, and branch freely; color, a deep, clear blue. 20c. each; doz., \$2.00; \$12.00 per 100.

Chinense Album. Same as above in white. 20c. each; doz., \$2.00; \$12.00 per 100.

Formosum. Dark blue, white centre, spikes 3 to 4 feet tall, vigorous. 20c. each; doz., \$2.00; \$12.00 per 100.

Formosum Cœlestinum. Heavenly blue, immense flower spikes. 20c. each; doz., \$2.00; \$12.00 per 100.

Michell's New Hybrids Mixed. A splendid mixture of newer and larger flowering sorts. 25c. each; doz., \$2.50; \$17.50 per 100.

Gold Medal Hybrids. Mixture of all shades. 20c. each; doz., \$2.00; \$15.00 per 100.

DIANTHUS (Garden Pinks)

They are brilliantly colored flowers, and have a rich clove scent. They are at their height of bloom in June.

Deltoides (Maiden Pink). A continuous flowering variety with pink flowers. Especially suited for rock work.

Deltoides Alba. A white flowered variety. Price of Dianthus, 15c. each; doz., \$1.50; \$10.00 per 100.

MICHELL'S HARDY PERENNIAL PLANTS

DICTAMNUS (Gas Plant)

One of the hardiest of all perennials, which often will last for a generation and longer. The foliage is fragrant, while the spikes of rather oddly shaped flowers emit a luminous vapor, which is said to be inflammable. Height about 2 feet, flowering in June and July.

Caucasicus. A gigantic form, with rose-pink flowers of very large size. 25c. each; doz., \$2.50; \$17.50 per 100.

Fraxinella. Pink flowers, dark veins.

Fraxinella Alba. Pure white.

Each of the above, except where noted, 20c. each; doz., \$2.00; \$12.00 per 100.

DIELYTRA (Bleeding Heart)

Formosa. This dwarf-growing species has finely cut ornamental foliage, and produces its attractive pink flowers in great profusion from April to August; 15 inches high. 20c. each; doz., \$2.00.

Spectabilis. One of the most beautiful border and shrubbery plants, with graceful, fern-like foliage and attractive heart-shaped pink and white flowers appearing in April. Large roots, 25c. each; doz., \$2.50; \$17.50 per 100.

DORONICUM (Leopard's Bane)

A fine cut flower, closing towards the end of the day and opening up each morning. Flowers June and July.

Clusii. Dwarf; large, soft yellow flowers; 2½ to 3 inches across.

Caucasicum. Exceptionally free bloomer, rich yellow; a vigorous grower.

Plantagineum Excelsum. Spring-flowering, robust growing variety with deep yellow flowers, appearing at intervals during the entire summer.

Price of Doronicums, 25c. each; doz., \$2.50; \$17.50 per 100.

ECHINOPS (Globe Thistle)

Handsome plants for the border or wild garden.

Ritro. For shrubberies and borders, producing handsome, blue, globular flowers; valuable for cutting. 3½ feet.

Ruthenicus. Interesting and showy, solid round heads of lovely blue flowers, on branching stems. 3 feet.

Sphaerocephalus. Large, white flowers, fine for a background; plants growing 5 to 6 feet tall.

Price of any of the above Echinops, 25c. each; doz., \$2.50; \$17.50 per 100.

EDELWEISS (Gnaphalium)

Leontopodium Alpinum. This is a favorite Alpine plant of the Swiss Mountains, and is found growing in abundance everywhere on the Alps. The plant is dwarf, about 4 inches high, with gray foliage, which lies close to the ground, is surmounted with stalks of grayish white, fuzzy flowers of a trilobed appearance. The flowers may be cut as an everlasting, and they will keep indefinitely. This is a splendid plant for a rock garden. 25c. each; doz., \$2.50; \$17.50 per 100.

EPIMEDIUM (Bishop's Hat)

Dwarf plants, 8 to 10 inches high, with leathery foliage and panicles of small orchid-like flowers; April-May.

Alpinum. Reddish violet.

Bicolorum. Red and yellow.

Niveum. Pure white.

EPIMEDIUM (Continued)

Sulphureum. Sulphur-yellow.

Price of Epimedias, 25c. each; doz., \$2.50; \$17.50 per 100.

ERYNGIUM (Sea Holly)

An ornamental plant, 2 to 3 feet high. Especially valuable for shaded locations or wild garden effects. The flower may be cut and dried for winter bouquets; July-September.

Planum. Light blue.

Amethystinum. The finely cut foliage and the thistle-like flowers are of amethyst-blue color; highly ornamental.

Price of the above Eryngium, 25c. each; doz., \$2.50; \$17.50 per 100.

ERIGERON (Flea Bane)

Grandiflorus Elatior. Large, bluish lilac flowers with yellow disc; 18 inches; June-July. **ERINUS**

Alpinus Carmineus. A charming Alpine plant; grows in the crevices of rocks or walks; producing dainty sprays of rose-colored flowers.

Alpinus Albus. A white flowered form.

Price of above Erinus, 20c. each; doz., \$2.00; \$12.00 per 100.

EUPATORIUM

This is an effective plant, which produces fuzz-like flower heads. August till frost. It is fine for cutting.

Ageratoides (White Snakeroot). Pure white, 3 to 5 feet, flowering in August and September; a fine native plant.

Cœlestinum. Light blue, flowering in August; 18 to 24 inches.

Purpureum Maculatum (Joe Pye Weed). Flower heads purple to flesh color. 4 to 6 feet.

The above 20c. each; doz., \$2.00; \$12.00 per 100.

FUNKIA (Plaintain or Day Lily)

Nothing is more handsome in a garden border or a hardy bed edged with the dwarf green and a variegated foliage of the Media Picta variety. If you have a shaded spot which you want to make real attractive, plant some Funkias.

Cœrulea. Dark green foliage, with light blue flowers.

Lanceolata. Lilac flowers; the latest of all; flowering in September.

Minor Alba. Dwarf growing variety with white flowers. 12 inches.

Robusta Elegans Variegata. The strongest grower among the variegated varieties; large green leaves with white bands. 25c. each; \$2.50 doz.; per 100, \$17.50.

Scordata Grandiflora Alba. This is a large loose-growing variety, with large blue flowers and broad foliage.

Undulata Media Picta. Green foliage, with distinct white markings. Lavender blue flowers.

The above, except where noted, 20c. each; doz., \$2.00; \$12.00 per 100.

GAILLARDIA (Blanket Flower)

When planted in clumps, beautiful flowers are borne in profusion and make a striking effect. They last a long while as a cut flower, and are abundant from June until frost. Height, about 2 ft.

Grandiflora. Dark brown centre, petals on the outer edge are yellow, and the centre is surrounded with a rich orange disk. 20c. each; doz., \$1.50; \$10.00 per 100.

GALEGA (Goat's Rue)

The flowers, which resemble a pea blossom, are borne on long racemes in great abundance. It flowers from July until September; height, 2 feet.

Hartlandii. The best of the Galegas.

Large, handsome blue and white flowers and variegated foliage. 20c. each; doz., \$2.00; \$12.00 per 100.

GENTIANA (Gentian)

These are amongst the most desirable of Alpine plants and are of one of the prettiest shades of blue to be found in the garden.

Andrewsi (Closed Gentian). Large terminal and auxiliary clusters of blue flowers, about 2 feet high. July-August. 25c. each; doz., \$2.50; \$17.50 per 100.

GERANIUM (Crane's Bill)

Good summer flowering plant, suitable for rockeries. Perfectly hardy, thriving in almost any soil.

Fremoni. Rosy purple; 2 feet.

Grandiflora. Large violet blue; 1 foot.

Platypetalum. Large, rosy purple flowers; 18 inches.

Sanguineum. Bright crimson; 18 inches.

The above, 20c. each; doz., \$2.00; \$12.00 per 100.

GEUM (Avens)

Bright, showy flowers, which appear in great abundance in the early summer and fall, growing about 18 inches high. Attractive in border plantings.

Coccineum. Brilliant rich scarlet. 20c. each; doz., \$2.00; \$12.00 per 100.

Mrs. Bradshaw (New). Double, bright scarlet; 18 inches. 25c. each; doz., \$2.50; \$17.50 per 100.

Miniatum Perry's Variety. Rich orange colored; splendid new variety. 35c. each; doz., \$3.50.

GLECHOMA (Ground Ivy)

Variegata. Very useful variegated creeper for growing over banks or for rockeries. 20c. each; doz., \$1.50; \$10.00 per 100.

GYPSOPHILA (Baby's Breath)

The flowers may be used as fresh cut flowers, also for a semi-everlasting effect. They keep perfectly for months without water.

Cerastioides. White flowers, marked pink; 3 inches. 20c. each; doz., \$2.00; \$12.00 per 100.

Paniculata. Feathery sprays of white flowers; useful for mist-like effects in bouquets. 20c. each; doz., \$2.00; \$12.00 per 100.

Paniculata flore pleno. This handsome variety produces pretty double pure white flowers. Splendid for bouquets. 30c. each; doz., \$2.75; \$20.00 per 100.

Repens. A useful plant for the rockery, with small white flowers; July-August. 20c. each; doz., \$2.00; \$12.00 per 100.

HELIOPSIS (Orange Sunflower)

Pitcheriana. Very similar to a small sunflower, but flowering earlier; deep golden yellow; June till frost; 3 feet high.

Scabra Zinniæflora. A new double flowering form; somewhat resembling a Zinnia in shape; fine for cutting; July to August; 2 feet. 25c. each; doz., \$2.50; \$17.50 per 100.

Price of Heliopsis, except where noted. 20c. each; doz., \$2.00; \$12.00 per 100.

MICHELL'S HARDY PERENNIAL PLANTS

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ORNAMENTAL GRASSES

The generous beautiful effect produced by the hardy Grasses is hard to describe. **Arundo Donax** (*Giant Reed*). Tall variety with bluish-green foliage, frequently attaining a height of 20 feet.

Arundo Donax (*Fol. Varieg.*). This variety has variegated foliage.

Elymus Glaucus. A handsome grass, with narrow glaucous silvery foliage; 2 feet.

Erianthus Ravennae (*Plume Grass or Hardy Pampas*). Deep green narrow foliage, growing about 10 feet high.

Eulalia Gracillima Univittata (*Japan Rush*). Graceful narrow foliage, growing 5 to 6 feet high. Bright green with a silvery rib.

Eulalia Japonica. The original type, with green leaves. Very strong grower.

Eulalia Japonica Variegata. An attractive kind with a variation of markings of white, green, sometimes light pink and yellow; 4 to 5 feet high.

Eulalia Japonica Zebra. Dark green foliage, is crossmarked horizontally a golden yellow. 4 to 5 feet high.

Gynernium Argenteum (*Pampas Grass*). This variety in severe climates requires light protection in winter. The silvery flower plumes are indeed handsome. It varies in height from 7 to 10 feet.

Phalaris Arundinacea Variegata (*Variegated Ribbon Grass or Gardener's Garter*). This sort is especially suited for edging taller varieties, as it grows somewhat dwarf. The foliage is somewhat broad, variegated white and green. 15c. each; doz., \$1.50; \$10.00 per 100.

Pennisetum Japonicum (*Hardy Fountain Grass*). One of the most valuable hardy Grasses, either for beds, mixed borders or as individual specimens. Height, 4 feet. 15c. each; doz., \$1.50; \$10.00 per 100.

Price of any of the above Hardy Grasses (except where noted), 30c. each; doz., \$2.50; \$15.00 per 100.

HELENIUM (Sneezewort)

These desirable perennials succeed in almost any soil in a sunny location. The flowers are splendid for cutting.

Autumnale Rubrum. Bright terra-cotta red; 5 feet 25c. each; doz., \$2.50; \$17.50 per 100.

Autumnale Superbum. Massive spreading heads of deep golden yellow flowers; August-October; 5 feet.

Cupreum. Orange crimson; 2 feet.

Grandicephalum Striatum. Deep yellow flowers striped and splashed crimson; July and August; 5 feet high.

Hoopesi. Orange yellow; large flowers $\frac{1}{2}$ inches across; June-July; 2 feet.

Pumilum Magnificum. Golden yellow, with large and perfectly formed flowers; very free; July-August; 18 inches.

Riverton Beauty. Rich lemon-yellow with dark purple cone; 4 feet; August. 25c. each; doz., \$2.50; \$17.50 per 100.

Riverton Gem. Old gold changing to wallflower red. 25c. each; doz., \$2.50; \$17.50 per 100.

Price of Heleniums (except where noted), 20c. each; doz., \$2.00; \$12.00 per 100.

HELIANTHUS (Hardy Sunflower)

They produce masses of flowers during summer until frost, which are splendid for cutting and decorative purposes.

Multiflorus fl. pl. Large, double golden yellow; July-August; 4 feet.

Orgyalis. Golden yellow; small flowered; long, narrow foliage; September; 5 feet.

Maximiliana. Blooms profusely in October; the fine golden yellow flowers appear in long, graceful sprays; splendid for cutting; 5 to 7 feet.

Rigidus Miss Mellish. Semi-double flowers; 4 to 5 inches across; very long petals of golden yellow; good for cutting.

Rigidus (*The Prairie Sunflower*). Flowers golden yellow, smaller than Miss Mellish; July till autumn; 5 feet.

Woolley Dod. An entirely distinct variety, golden yellow, semi-double; 4 feet; September.

Price of the above Helianthus, 20c. each; doz., \$1.50; \$10.00 per 100.

HELLEBORUS (Christmas Rose)

They flower when practically nothing is in bloom outdoors, actually thrusting their beautiful blossoms through the snow. Height, 8 to 10 inches.

Niger. Pure white. 40c. each; doz., \$4.00.

HEMEROCALLIS (Yellow Day Lily)

Aurantiaca Major. Large, orange flowers; one of the best sorts; June-July. 25c. each; doz., \$2.50; \$17.50 per 100.

Dr. Regal. Beautiful rich apricot-colored flowers; $\frac{1}{2}$ feet. 25c. each; doz., \$2.50; \$17.50 per 100.

Dumortieri. Very dwarf, flowering in June. Rich yellow flowers, bronze shaded on the back of petals. 25c. each; doz., \$2.50; \$15.00 per 100.

Florham. A strong grower; 3 to $3\frac{1}{2}$ ft. high; large trumpet-shaped flowers; rich golden yellow with Indian yellow markings; June-July. 25c. each; doz., \$2.50; \$17.50 per 100.

Fulva. Trumpet-shaped flowers, orange colored shaded darker, blooms in June and July; 4 to 5 feet. 20c. each; doz., \$2.00; \$12.00 per 100.

Kwanso Flore Pleno (Double). Coppery red; July; 3 feet high. 20c. each; doz., \$2.00; \$12.00 per 100.

Queen of May. A splendid new variety, attaining a height of 5 feet; its spikes are terminated with from 12 to 18 flowers of a rich Indian yellow color; May to July. 30c. each; doz., \$3.00.

Sovereign. Chrome yellow flowers, sometimes 6 to 9 on a stem; $\frac{1}{2}$ feet high. 35c. each; doz., \$3.50; \$25.00 per 100.

HESPERIS (Rocket)

Matronalis. Bushy plants; 3 to 4 feet high, with showy spikes of pink flowers during June and July.

Matronalis Alba. White. Price of above Hesperis, 20c. each; doz., \$2.00; \$12.00 per 100.

HEPATICA (Liver Leaf)

Triloba. An interesting spring flowering plant, with pretty foliage and beautiful flowers. 20c. each; doz., \$2.00; \$12.00 per 100.

HEUCHERA (Alum Root)

Desirable dwarf plant of easy culture. Foliage remains close to the ground. During July and August the graceful thin flower-spikes, 2 feet high, appear in profusion.

Rosea. Light rose; 2 feet.

Sanguinea. Bright scarlet.

Sanguinea Alba. Creamy white; 2 feet.

Price of any of the above, except where noted, 25c. each; doz., \$2.50; \$15.00 per 100.

HIBISCUS (Mallow)

Crimson Eye. Purest white with deep crimson eye. July; 4 feet. 20c. each; doz., \$2.00; \$12.00 per 100.

Moscheutos Roseus. Large bell-shaped flowers of delicate pink. 20c. each; doz., \$2.00; \$12.00 per 100.

New Giant Flowering. A wonderful improved form of our greatly admired Marsh Mallows. They attain a height of 6 to 7 feet, have beautiful laciniated foliage and monstrous flowers, measuring often 6 to 8 inches in diameter. We offer these in three separate colors. *Pink, White, Red.* 25c. each; doz., \$2.50; \$17.50 per 100.

HIERACIUM (Hawkweed)

Aurantiacum. Splendid for rockeries; deep orange; 12 to 18 inches. 20c. each; doz., \$2.00; \$12.00 per 100.

HOLLYHOCKS

These thrive best in soil that is not too wet; which should be enriched with well-rotted stable or sheep manure. While perfectly hardy, we recommend protecting them slightly during the winter, with leaves, long manure or straw.

Double Canary Yellow.

Double Crimson.

Double Maroon.

Double Newport Pink.

Double Pink.

Double Salmon Pink.

Double White.

Separate colors. Hollyhocks as above. 25c. each; doz., \$2.50; \$17.50 per 100.

Double Mixed, Single Mixed, Allegheny Fringed Mixed. Mixed Hollyhocks, as above, 20c. each; doz., \$2.00; \$100; \$15.00.

HYPERICUM (St. John's Wort)

Adpressum. Useful for covering ground in damp places; 6 to 8 inches high. 20c. each; doz., \$2.00; \$12.00 per 100.

Moserianum. A very free-flowering plant; the large flowers, often measuring 2 to $\frac{1}{2}$ inches across, are of a rich golden yellow color; blooms all summer; 2 feet. 20c. each; doz., \$2.00; \$12.00 per 100.

Patulum var. Henryi. A new variety, growing 3 to 4 feet high, with masses of clear yellow flowers during July and August. 35c. each; doz., \$3.50.

IBERIS (Hardy Candytuft)

The Hardy Candytufts are low-growing plants, with evergreen foliage. In spring and early summer they are completely covered with dense heads of pure white flowers.

Sempervirens. Pure white flowers.

Sempervirens Snowflake. An improved form of the above.

Price of Iberis, 20c. each; doz., \$2.00; \$12.00 per 100.

IRIS—OR FLEUR DE LIS

This class of plants is charming and suited to many purposes. By taking a variety of them, the Iris flowering season can be continued over a period of several months.

IRIS PUMILA

The first of the Iris to bloom resembling in appearance the German variety; the plants are 6 inches high and are ideal when used as an edging for taller varieties or in borders or rockeries; they delight in a fairly dry, high situation, and once planted will increase in numbers.

Violacea. Dark blue. | **Die Braut.** White. | **Lutea.** Yellow.
Price of any of the above Iris Pumilas, 20c. each; doz., \$1.50; \$10.00 per 100.

IRIS GERMANICA (German Iris)

This is the popular "Flag Iris," thriving best in a high dry soil; when planting observe that the growing part of the crown protrudes from the soil, and only when established, should this be covered entirely.

- Eugene Sue.** White spotted purple.
Florentina Alba. Free-flowering white. 25c. each; doz., \$2.50; \$17.50 per 100.
Gloire de Hillegom. Light blue; very fine.
Grachus. Crimson and white.
Gypsie Queen. Lavender-bronze, veined white.
Her Majesty. Lovely rose pink. A most beautiful variety. 25c. each; doz., \$2.50; \$17.50 per 100.
Honorabilis. Yellow, shaded rich bronze.
Innocenza. Pure white.
Kharput. Deep pure blue.
Leonidas. Clear mauve.
Mad. Chereau. White, edged blue.
Mrs. H. Darwin. White standards, dark purple falls.
Mrs. G. Ruethe. White standard, shaded and veined blue gray. The falls are white, frilled soft blue. A large and handsome variety. 25c. each; doz., \$2.50.
Nuci d'Orange. Tall growing, with smoky bronze flowers. 25c. each; doz., \$2.50.
Ossian. Straw-yellow standard, with bluish violet falls. 25c. each; doz. \$2.50.
Pallida Dalmatica. Delicate lavender. 25c. each; doz., \$2.50.
Queen of May. Light pink, early. Price of any of the above German Iris (except where noted), extra strong roots, 20c. each; doz., \$1.50; \$10.00 per 100.

Price of any of the above German Iris (except where noted), extra strong roots, 20c. each; doz., \$1.00; \$6.00 per 100.
Mixed Varieties. All colors. 10c. each; doz., \$1.00; \$6.00 per 100.

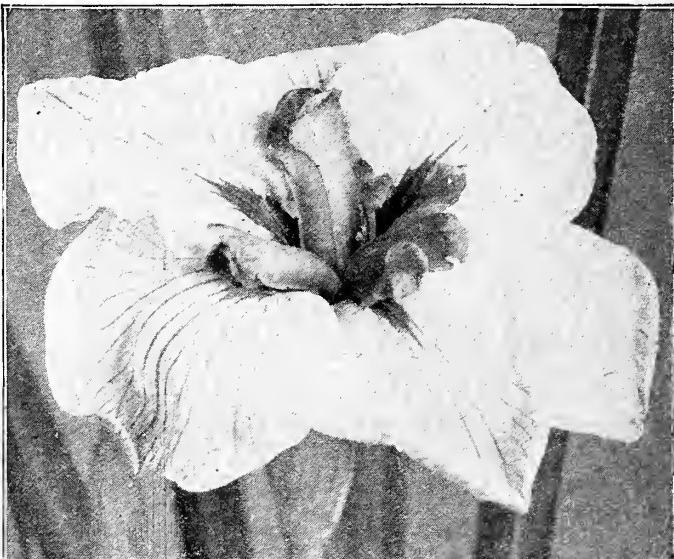
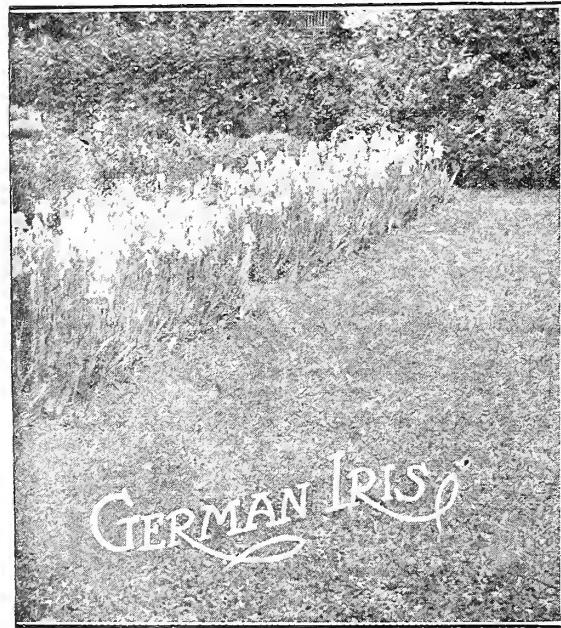
IRIS KAEMPFERI (Japanese Iris)

The King of all Iris, covering a wide range of color; named sorts can be selected to cover a flowering period of 5 weeks, from the middle of June into July. The flowers, many of them when spread, measure 8 inches across. While they succeed generally in all soils, they delight and thrive best in a deep, rich loam.

The names being rather awkward, we have arranged them also under number so they can be ordered more readily.

Double or Six-Petaled Varieties

- No. 12 **Gosetsu-mai.** White veined and traced aniline blue.
7 **Hodai.** Bright violet veinings, purple standards.
9 **Ho-O-Jo.** Crimson purple.
8 **Mana-zura.** Very large, white with pale blue lines, tufted centre.
13 **Onega-Shina.** Royal purple, white veins.
14 **Renjo-no-toma.** Frilled petals, white centre, very wide border of pale lavender.
15 **Shishi-odori.** Purplish violet, large.
1 **Yomo-no-umi.** Early, double, pure white.



Japanese Iris

Single or Three-Petaled Varieties

- No. 30 **Gekko-no-nami.** Early pure white.
3 **Kuma-Fugen.** White with broad border of magenta lines.
11 **Kan-ran.** White, lightly suffused and veined rosy violet.
21 **Kimi-no-Megumi.** White, densely veined purple.
27 **Shippo.** Light lilac, veined purple.
25 **Yomo-zakura.** Light ground color, densely suffused reddish purple.
20 **Yayaura.** White marble violet.
Any of above named Japanese Iris, 25c. each; doz., \$2.50; \$15.00 per 100.
Japanese Iris, mixed colors. 20c. each; doz., \$1.50; 100, \$10.00.

IRIS INTERMEDIA (New)

A new type, a cross between the German Iris and Iris Pumila. Is medium early, flowering in between those two varieties. Three choice varieties: **Ceres.** pearl white; **Charmant.** white, blue markings; **Walhalla.** light blue. Price of the above, 30c. each; doz., \$3.00.

IRIS SIBIRICA

- One of the most elegant of all the Iris groups and among the easiest to grow.
Orientalis. Snow Queen. A new white-flowered variety of the type; petals broad and full, of snowy whiteness, and with rich golden yellow blotches. 20c. each; \$1.50 doz.; per 100, \$10.00.
Orientalis. Blue King. Deep purple, 20c. each; doz., \$2.00; \$12.00 per 100.
Orientalis. Distinction. Standard violet blue; falls white, veined and tipped blue. 25c. each; doz., \$2.50; \$15.00 per 100.

MICHELL'S HARDY PERENNIAL PLANTS

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INCARVILLEA (Hardy Gloxinia)

These tuberous rooted plants produce large trumpeted-shaped flowers in clusters; they require a slight protection in winter of leaves, straw or long manure; May and June.

Delavayi. Produces large flowers of a deep pink, resembling a Gloxinia, on stems 18 inches long. 20c. each; doz., \$2.00; \$12.50 per 100.

Grandiflora. A great improvement on the older varieties. 25c. each; doz., \$2.50; \$17.50 per 100.

INULA (Flea Bane)

Ensifolia. Dwarf, excellent for borders. Golden yellow; July and August.

Glandulosa Grandiflora. A very showy plant with bright golden flowers on long leafy stems; 2 feet; June-August.

Royleana. Large, handsome, deep yellow flowers; 1½ feet; June-August.

Price of above Inulas, 25c. each; doz., \$2.50; \$17.50 per 100.

LAVENDULA (Lavender)

Vera. A most valuable perennial, producing large sweet-scented flowers. 20c. each; doz., \$2.00; \$12.00 per 100.

LIATRIS (Blazing Star)

Tall flower spikes which loom up over the majority of other perennials; July till September.

Pycnostachia. Light rosy purple; 4 feet.

Scariosa. Deep purple; 3 to 4 feet high. Price of Liatris, 20c. each; doz., \$2.00; \$12.00 per 100.

LILIES (Hardy) (See page 16)

LILY OF THE VALLEY

For outdoor planting in shaded places. Pure white flower bells appear on stems about 8 to 10 inches long in the latter part of May. 30c. each; doz., \$3.00; \$20.00 per 100.

LINUM (Flax)

Perenne. Graceful foliage, blue flowers; 3 feet.

Perenne Alba. A white flowered form of the above.

Price of Linum, 20c. each; doz., \$2.00; \$12.00 per 100.

LOBELIA

Cardinalis (*Cardinal Flower*). Makes a most delightful showing; flowers are a vivid crimson on spikes from 2 to 4 feet high; July-August.

Syphilitica Hybrida. Blue and white flowers, produced on long spikes; 2 feet; August-September.

Either of the above Lobelias, 20c. each; doz., \$2.00; \$12.00 per 100.

LUPINUS (Lupins)

They flower in May and June; 3 to 4 feet high. In dry weather water liberally.

Polyphyllus. Blue. 35c. each; doz., \$3.00; \$20.00 per 100.

Polyphyllus. White. 35c. each; doz., \$3.00; \$20.00 per 100.

Mærheimi. A new variety, with gigantic flower spikes, which are a combination of pure pink in light and dark shades. 35c. each; doz., \$3.50.

LYSIMACHIA

Clethroides. An ornamental plant for the hardy border, with a great number of white arched flower spikes. 3 feet high; July-September.

LYSIMACHIA (Continued)

Nummularia (*Creeping Jenny or Money-wort*). Excellent for planting under trees or shrubs, where grass will not grow. It forms a dense carpet.

Ciliata (*Fringed Loose Strife*). Yellow flowers; 2 feet high; July.

Price of above Lysimachias, 20c. each; doz., \$1.50; \$10.00 per 100.

LYCHNIS (Campion)

Chalcedonica. Heads of brilliant orange scarlet; 2 feet high.

Chalcedonica Alba. White; 2 feet high.

Chalcedonica Carnea. Flesh-colored.

Haageana Hybrida. Brilliant shades of orange and scarlet, blooming in May and June; height, 12 inches.

Vespertina Double White. Large double white flowers; very showy, blooms all summer. 25c. each; doz., \$2.50.

Viscaria (*Ragged Robin, London Pride*). Double red flowers on stalks 15 inches high, very showy; June.

Viscaria Alba Grandiflora. Large double white; the evergreen foliage forms a dense tuft; flowers all summer. 50c. each; doz., \$5.00.

Price of any of the above Lychnis (except where noted), 20c. each; doz., \$2.00; \$12.00 per 100.

LYTHRUM (Loosestrife)

A rank grower, throwing out flower spikes which are 3 to 4 feet high; flowering from July until September.

Atatum. Purplish rose; very free bloomer; 3 ft.; July-September. 25c. each; doz., \$2.50; \$17.50 per 100.

Roseum Superbum. Rich rose pink, 20c. each; doz., \$2.00; \$12.00 per 100.

Brightness. Bright pink; tall erect spikes. 25c. each; doz., \$2.50; \$17.50 per 100.

Rose Queen. An improvement of the Roseum Superbum. 25c. each; doz., \$2.50; \$17.50 per 100.

MERTENSIA (Blue Bells)

Virginica. An interesting native plant, with handsome light blue flowers, which appear in May and June. Height, 1 to 1½ feet high. 20c. each; doz., \$2.00; \$12.00 per 100.

MONARDA (Bergamot)

Showy plants, 2 to 3 feet high, flowering during July and August.

Didyma Cambridge Scarlet (*Oswego Tea*).

Didyma Salmonaea. Salmon rose. 25c. each; doz., \$2.50; \$17.50 per 100.

Didyma Violacea Superba. Bright amaranth red.

Fistulosa Alba. White flower heads; 2 to 3 feet; July-August.

Price of the above, except where noted. 20c. each; doz., \$2.00; \$12.00 per 100.

MONTBRETIA (See page 23)

NIEREMBERGIA (Cup Flower)

Rivularis. A handsome Alpine plant of creeping habit. Creamy white, cup shaped flowers; June until September. 20c. each; doz., \$2.00; \$12.00 per 100.

ONONIS

Hircina. A creeping, fast growing plant, with pink, pea-shaped flowers, appearing in May and June. 25c. each; doz., \$2.50; \$17.50 per 100.

OENOTHERA (Evening Primrose)

Commences flowering in June and lasts throughout the season.

Eldorado. Double yellow; 10 inches.

Fraseri. Deep yellow; 18 inches high.

Fruiticosa Pallida. Creamy white; 18 in.

Missouriensis. Golden yellow; 10 in.

Speciosa. Pure white; 18 inches high.

Youngi. Rich lemon yellow; 10 in.

Price of any of the Oenothera, 20c. each; doz., \$1.50; \$10.00 per 100.

ONOPORDON (Cotton Thistle)

Tauricum. A stately plant, covered with white fuzzy flowers. Blooms in June and July; 5 feet high.

Robert Bruce. Grayish, elegantly cut foliage and silvery white flowers.

Price of the above, 25c. each; doz., \$2.50; \$17.50 per 100.

OROBUS (Bitter Vetch)

Excellent for borders or rockeries, flowering in May and June.

Lathyroides. Pea-shaped blue flowers; 1 foot high.

Superbus. Purple flowering; 1 foot high.

Vernus. Deep purple, pea-shaped; 1 ft. Price of any of the above, 25c. each; doz., \$2.50; \$15.00 per 100.

PACHYSANDRA

An evergreen trailing plant, with thick glossy foliage forming a dense mat.

Terminalis. Green; 6 to 8 inches high; small flower spikes of a grayish white, in May and June. 20c. each; doz., \$2.00; \$12.00 per 100.

PENTSTEMON (Beard Tongue)

Blooms from early summer until frost.

Barbata Salmonea. Long panicles of salmon rose flowers. 35c. each; doz., \$3.50.

Diffusus. Deep purple; 1½ feet.

Digitalis. Purplish white flowers.

Glaber Hybrids. Mixed colors; 2 feet.

Grandidorius. Dwarf bushy growing plants with purple flowers. Price of the above (except as noted), 20c. each; doz., \$2.00; \$12.00 per 100.

PHLOX (Miscellaneous)

Amœna. A beautiful plant, with soft rose-colored flowers; 4 inches high; April-May.

Divaricata Canadensis. The large heads of fragrant lavender flowers appear the latter part of April and in May.

Divaricata Alba Grandiflora. A white-flowered form of the above.

Divaricata Laphami (*Perry's Variety*). The flowers are of a lovely soft plum-bago-blue color. Flowers abundantly from April to the end of July. 25c. each; doz., \$2.50; \$17.50 per 100.

Ovata Carolina (*Mountain Phlox*). A handsome evergreen species of dwarf habit, with masses of rosy pink flowers; 10-12 inches; May and June.

Pilosa Splendens. Grows about 15 inches high; lilac rose. 35c. each; doz., \$3.50.

Subulata Rosea (*Moss Pink*). Moss evergreen-like foliage, tucking close to the ground and covered completely with pink star-like flowers in May.

Subulata Alba. Pure white.

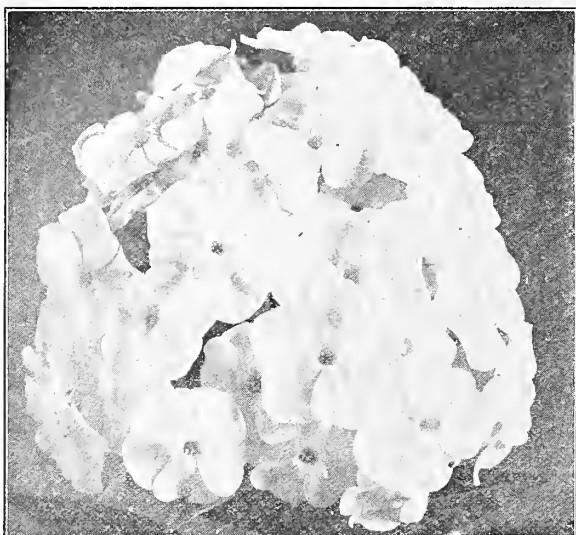
Subulata Lilacina. Lilac.

Price of any of the above Phlox (except as noted) 20c. each; doz., \$2.00; \$12.00 per 100.

PHLOX DECUSSATA

(Other Hardy Phlox, see page 54.)

MICHELL'S SUPERB HARDY PHLOXES



Phlox "Mrs. Jenkins"

BICOLORED VARIETIES

- Braga.** Rich lilac rose, large trusses. 25c. each; doz., \$2.50.
Crepuscule. Silvery mauve, crimson center; very distinct and telling shade. 25c. each; doz., \$2.50; \$17.50 per 100.
Eclaireur. Brilliant rose magenta, with lighter halo.
Europa. Blush white, with a large deep pink centre, making it a very showy combination. The flower truss is very large, while the florets are also of gigantic size.
Grideur. Soft rosy mauve, suffused and overlaid with a lovely deep shade of cerise. 25c. each; doz., \$2.50; \$17.50 per 100.
Hervor. Soft rich pink, with a white eye. 25c. each; doz., \$2.50; \$17.50 per 100.
Wanadis. Flowers mottled white and light violet, resembling somewhat the *Phlox Canadensis*. Each flower has a distinct reddish eye. 30c. each; doz., \$3.00; \$20.00 per 100.
Widar. Reddish violet, with a distinct white centre. 20c. each; doz., \$2.00; \$15.00 per 100.

WHITE VARIETIES

- Frau Anton Buchner.** Very large pure white flower truss with gigantic individual florets. It makes a fine edging for a bed of hardy phlox, being of a very dwarf nature. 25c. each; doz., \$2.50; \$17.50 per 100.
Jean d'Arc. One of the latest white flowering.
Miss Lingard. White, lilac eye. 25c. each; doz., \$2.50.
Mrs. Greenlees. White, rosy centre. 25c. each; doz., \$2.50.
Mrs. Jenkins. Of medium height, with immense clusters of pure white flowers; very effective when planted in masses.
Ringleader. White, veined cherry red. 25c. each; doz., \$2.50.
Tapis Blanc (New). Undoubtedly the best semi-dwarf in this color. It flowers early and continues until late in the autumn. 25c. each; doz., \$2.50; \$17.50 per 100.
Von Lassburg. The Queen of all clear white phloxes; trusses and single flowers are immense in size. As the plant is rather dwarf, it should always be planted in the foreground.

PURPLE AND LAVENDER VARIETIES

- Africa.** Rich royal purple, suffused crimson. 25c. each; doz., \$2.50; \$17.50 per 100.
Antonie Mercie. Light ground, suffused lilac.
Asia. Rich mauve. 25c. each; doz., \$2.50; \$17.50 per 100.
B. Comte. Brilliant rich purple; a fine variety.
Eugene Danzanvilliers. Delicate lavender; very attractive and decorative color; immense flowers. The peer of its color.
Friethjof. Light violet, without eye. The trusses are very large, while the florets are also of exceptional size. Very recommendable variety. 50c. each; doz., \$5.00.
Hercules. Rosy lilac. 25c. each; doz., \$2.50.
Indian Chief. Dark purple. 25c. each; doz., \$2.50.
Iris. Deep reddish violet, of compact, erect habit, with flower trusses that rival any others for size. 25c. each; doz., \$2.50; \$17.50 per 100.
Le Mahdi. Of the shades of blue offered to-day, there are many which approach magenta; for this reason we highly recommend this sort, which is a royal deep purple.

PURPLE AND LAVENDER VARIETIES (Continued)

- Riverton Jewel.** Beautiful mauve rose, illuminated by a brilliant carmine eye. 25c. each; doz., \$2.50; \$17.50 per 100.
Tolstoi. Coppery amaranth with blood red centre. 30c. each; doz., \$3.00.
W. C. Egan (New). Pale lilac, with intense solferino red eye. 20c. each; doz., \$2.00; \$15.00 per 100.

PINK VARIETIES

- Elizabeth Campbell.** Identical in shade of color with Mrs. John Laing Rose; delicate, refreshing pink with a white eye. Quite distinct, producing immense flower heads. 20c. each; doz., \$1.75; \$12.00 per 100.

Fantasy. Rosy mauve. 25c. each; doz., \$2.50.

Gefion. Lovely peach blossom pink, with a distinct bright rose eye. The flower trusses are very large and compact. 30c. each; doz., \$3.00; \$20.00 per 100.

Jules Sandeau. Dwarf; large flowering; pure pink. 50c. each; doz., \$5.00.

Lofna. Soft rosy lilac, about 2 in. across. 50c. each; doz., \$5.00.

Loki. Salmon pink, carmine eye. 30c. each; doz., \$3.00.

Madame Paul Dutrie. Delicate soft pink, resembles a delicate orchid. The flower trusses are enormous.

Minerva. Lilac rose, marked with white, with a bright carmine eye; showy spikes; very compact. 50c. each; doz., \$5.00.

Rheinlander (New). Deep salmon pink, with bright red eye; of vigorous growth and branching habit. Enormous flower trusses, which appear very early. 20c. each; doz., \$2.00; \$15.00 per 100.

Rheinstrom. A splendid new phlox with gigantic flowers of a bright pink. 25c. each; doz., \$2.50; \$17.50 per 100.

Rosamundi. A vigorous grower, producing freely great spikes of enormous soft rose flowers. 25c. each; doz., \$2.50; \$17.50 per 100.

R. P. Struthers. Deep salmon pink, dark centre, very large.

Selma. Delicate soft pink, with deep red eye.

Thor. Deep salmon, suffused scarlet; a white halo surrounds the aniline red eye. 30c. each; doz., \$3.00; \$20.00 per 100.

RED AND SCARLET VARIETIES

Baron von Dedem. Deep pink, suffused orange; immense trusses.

Coquelicot. Brilliant orange scarlet, with a large truss.

Electra. A brilliant red, with a darker shade; one of the very best. 50c. each; doz., \$5.00.

Fernand Cortez. Cerise pink, with a purple eye.

General von Heutsz. Delicate salmon scarlet, surrounded with a lavender eye, which is edged white.

Geo. A. Strohlein. Bright scarlet, with crimson red eye.

Gen. Chanczy. Orange, suffused scarlet; purple eye.

Goliath. The flower trusses are large and of a bright cerise color with deep eye.

Matador. Cherry red, crimson eye; dark foliage.

Montagnard. Dark purple claret; large spikes and flowers.

Professor Virchow. Bright carmine, shaded orange red. 25c. each; doz., \$2.50; \$17.50 per 100.

Siebold. Bright scarlet; very fine.

Tragedie. Carmine red, with a distinct blood red eye. 30c. each; doz., \$3.00; \$20.00 per 100.

Von Hochberg. Rich deep crimson. 25c. each; doz., \$2.50; \$17.50 per 100.

Price of any of the Phloxes on this page, except where noted, in strong plants, 20c. each; doz., \$1.50; \$10.00 per 100.

PHLOX SUFFRUTICOSA

These differ from the others in that the foliage and stem are deep green and glossy, and they begin to blossom in June and remain in bloom until October.

Hercules. Bright rosy lilac. **Mrs. Greenlees.** White, center rosy lilac.

Fantasy. Rosy mauve. **Indian Chief.** Bright dark purple. **Ringleader.** White, veined pale

Miss Lingard. White, lilac eye. **Snowdon.** Pure white.

Price of any of the above Phlox Suffruticosa, 25c. each; doz., \$2.50; \$17.50 per 100. Special Offer: One each of the above seven varieties for \$1.50.

PHLOX ARENDSSI

A new dwarf class, from 12 to 24 inches high. The plants are of vigorous, branching habit and continue to flower from the latter part of May until the end of July.

Amanda. 12 inches high; delicate lilac with deeper centre.

Charlotte. 18 to 24 inches high; pale lilac shaded pink.

Crete. 20 inches high; flowers pure white.

Kathe. 20 inches high; flowers purplish rose, dark eye.

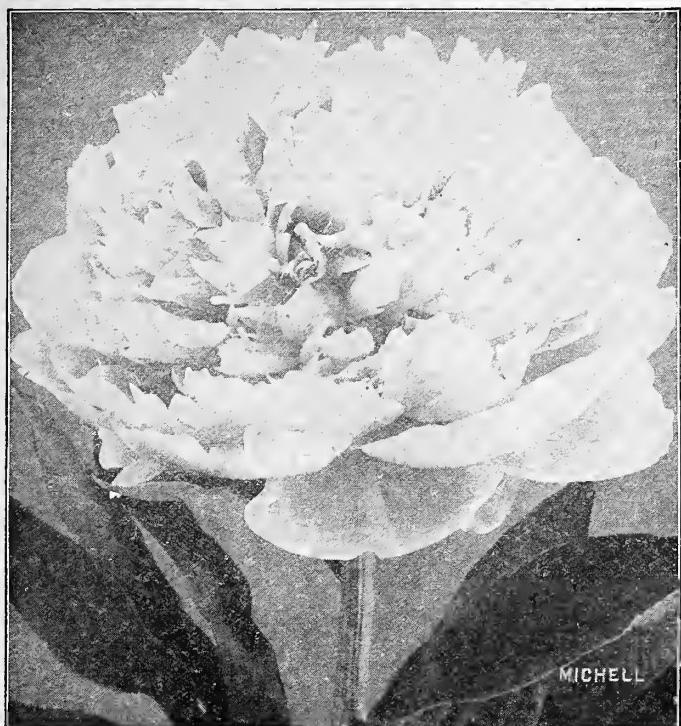
Louise. 2 feet high; strong grower; light lilac with a carmine eye.

Price of any of the above Phlox Arendssi, 25c. each; doz., \$2.50; \$17.50 per 100.

Other hardy Phloxes will be found on page 53.

MICHELL'S GORGEOUS DOUBLE PAEONIES (Roots) 55

Paeonies, especially the newer varieties, are probably the most valuable of all perennial plants. Planted in the sun or semi-shade, they give a grand display of large fragrant blossoms of brilliant colors during June, followed by their exquisite foliage, which is very ornamental during the summer months. They are most effective for house and table decorations, and last longer in water than many other perennials. Disease or insects rarely trouble the Paeony. The roots are perfectly hardy, and once planted remain for years.



Paeony *Candidissima*

PINK VARIETIES

		Each	Doz.
Achille.	Beautiful shell-pink, changing to lilac white. Early	.25	\$2.50
Beaute Francaise.	Lilac-rose, with a cream white collar; centre spotted carmine; very fragrant. Mid-season	.35	3.50
Berlioz.	Perfect form. Large magenta rose color; silver tipped. Late	.35	3.50
Dr. Bretonneau.	Lilac rose, with cream white centre, flecked crimson. Mid-season	.30	3.00
Carnea Elegans.	Of a clear flesh color, glossy reflex. A free bloomer. Mid-season	.35	3.50
Charlemagne.	Excellent variety. Lilac white, with a light pink centre. Fragrant. Late	.50	5.00
Clarisse.	Beautiful rose pink, with silvery pink centre; fine form and habit. Mid-season	.25	2.50
Delicatissima.	Pale lilac rose, free habit; fragrant. Mid-season	.30	3.00
Duc de Cazes.	Bright pink, silvery reflex. Early	.25	2.50
Edulis Superba.	A bright mauve pink color, with narrow edges of lilac. Early	.25	2.50
Eugenie Verrier.	Giant globe-shaped flower of a soft pink color. Mid-season	.50	5.00
Faust.	Delicate flesh pink. Mid-season	.25	2.50
Grandiflora Rosea.	Full globe-shaped flower, light solferino red petals, salmon centre. Mid-season	.30	3.00
L'Indispensable.	Perfect shaped flower of a delicate cream color, beautifully shaded pink in centre. Very striking variety. Mid-season	.50	5.00
Lady Bramwell.	Delicate silvery pink. Mid-season	.25	2.50
Mme. Forel.	A beautiful shade of light pink, with a silvery tipped centre. Late	.50	5.00
Mons. Krelage.	Dark pink. Late	.50	5.00
Marie Lemoine.	Very large, compact flower. Delicate white rose, with a creamy centre. Late	.50	5.00
Mme. Leonie Calot.	Delicate rosy white, centre petals slightly tipped carmine. Mid-season	.50	5.00
La Perle.	Very large; globular; deep lilac white, blush centre, prominently flecked carmine, fragrant	.50	5.00

WHITE AND LIGHT SHADES

		Each	Doz.
Agnes Mary Kelway.	White tinted rose, cream centre. Early	.25	\$2.50
Alba Plena.	A giant flower of the purest white. Mid-season	.25	2.50
Candidissima.	Creamy white, sulphur-yellow centre. Early	.30	3.00
Couronne d'Or.	Snowy white with yellow reflex and deep pink edges on a few petals. Late	.50	5.00
Duc de Wellington.	Large, sulphur-white flower of great fragrance and with long stems. Late	.35	3.50
Duchesse de Nemours.	Pure white, with a sulphur white centre; very early and extra fine	.30	3.00
Festiva Maxima.	Beautifully shaped flower, often 7 to 8 inches in diameter. Pure white, splashed red. Late	.40	4.00
La Rosiere.	Imbricated petals of yellowish white with straw yellow centre. Mid-season	.35	3.50
Queen Victoria.	Pure white; cream centre. Mid-season	.25	2.50
Zoe Calot.	Pure white; suffused rose. Mid-season	.25	2.50

RED OR DARK SHADES

		Each	Doz.
Anemoneflora Rubra.	Anemone form, having a broad collar; a beautiful dark crimson. Mid-season	.30	3.00
Delachi.	Large flowers of a deep purple color. Late	.30	3.00
Felix Crousse.	Large bright red flowers. Mid-season	.50	5.00
General MacMahon.	Large anemone-shaped flower of a deep violet color. Mid-season	.50	5.00
L'Eclatante.	Brilliant red. Mid-season	.25	2.50
Louis Van Houtte.	Crimson maroon. Late	.30	3.00
Meissonier.	Loose reddish purple flowers on tall stems. Very fragrant. Mid-season	.35	3.50
Victor Hugo.	Brilliant carmine red. Late	.50	5.00

PAEONY CHINENSIS

This is the common garden variety in cultivation most everywhere.

		Each	Doz.	100
Double Red.	Large roots	.25	\$2.50	\$15.00
" " White.	Large roots	.25	2.50	15.00
" " Pink.	Large roots	.25	2.50	15.00

PAEONY OFFICINALIS (The Old-Fashioned Paeony)

Fragrant flowers of immense size, flowering early in May and having a distinct foliage and growth. Each

		Doz.	100
Rosea.	Double pink	.30	\$3.00
Rubra.	Double red	.30	3.00
Alba.	Double white	.30	3.00

One each of the above 3 colors for 75c.

DOUBLE TREE PAEONIES

These very beautiful and free-flowering paeonies are from 2 to 3 weeks earlier than any other variety, and the flowers, often measuring a foot in diameter, include every shade from white and softest pink to the most brilliant scarlet and purple. Orders booked for spring delivery.

Abraham Lincoln. Deep velvety amaranth; very double.

Confucius. A beautiful shade of purplish scarlet, single.

Jeanne d'Arc. Salmon rose with dark centre, single.

Bijou de Chusan. Pure white, yellow centre, semi-double.

Etna. Brilliant fiery red.

Lambertiana. Pure white, suffused with delicate rose.

Louise Moucheton. Beautiful silvery rose; extra large flower.

Queen of Belgiums. Blush shaded salmon rose.

Beauty de Cologne. Salmon rose, suffused flesh colored.

Rosea Superba. Salmon rose; semi-double. Beautiful. Any of the above varieties; extra strong plants, \$1.25 each; per doz., \$12.00 (or 1 of each for \$10.00).

PAEONIA TENUIFOLIA Flore Plena

An early flowering species with fern-like foliage and double deep crimson flowers, a shade like the Jacque Rose. Blooms very early in May, sometimes latter part of April. Each, 30c.; per doz., \$3.00; \$20.00 per 100.

Paeony Culture is fully covered by **Michell's Bulb Growing Guide**. Ask for a free copy.

56 MICHELL'S HARDY PERENNIAL PLANTS

PHYSOSTEGIA (False Dragon Head)

Grows from 3 to 4 feet high, throwing up spikes decked with delicate tube-shaped flowers; July-August.

Virginica. Delicate soft pink.

Virginica Alba. Pure white.

Speciosa. Delicate pink.

Price of either of the above Physostegia, 20c. each; doz., \$2.00; \$12.00 per 100.

HARDY GARDEN PINKS (Double)

Old-fashioned favorites, bearing their clove-scented flowers during the spring and early summer.

Carmen. A fine early light pink.

Her Majesty. Pure white.

Homer. Rosy-red, with dark centre. 25c. each; doz., \$2.50; \$17.50 per 100.

Juliette. White, bordered crimson.

White Reserve. Pure white.

Price of any of the above hardy garden pinks (except where noted), 20c. each; doz., \$2.00; \$12.00 per 100.

PLATYCODON

(Japanese Bell Flower)

Very useful for cutting. June until October. Height, 2 to 3 feet.

Grandiflorum. Beautiful blue.

Grandiflorum Album. Pure white.

Price of either of the above, 20c. each; doz., \$2.00; \$12.00 per 100.

PLUMBAGO (Leadwort)

Larpentæ. Splendid for rock garden and for edging hardy borders. During the summer and fall months is covered with rich deep blue flowers. 20c. each; doz., \$2.00; \$12.00 per 100.

PHYSALIS (Lantern Plant)

Alkekengi. Ornamental variety of the Ground or Winter Cherry. The lantern-like, orange-red fruits are highly interesting; 2 feet high.

Francheti. Similar to the above, except the fruits have a more brilliant color. Price of Physalis, 20c. each; doz., \$2.00; \$12.00 per 100.

POLEMONIUM (Jacob's Ladder)

Handsome border plants, about 1 foot high, succeeding best in a semi-shaded location. June-Sept.

Richardsoni. Sky blue.

Richardsoni Alba. White.

Price of the above, 20c. each; doz., \$2.00; \$12.00 per 100.

ORIENTAL POPPIES (Papaver)

The gorgeous colored flowers of the Oriental type make a rich, brilliant show. These bloom usually in July.

Fuerstenkind. Brilliant scarlet.

Goliath. One of the most effective, large flowers of a rich scarlet.

Lightness. White at the centre changing to a fine pale salmon. 50c. each; \$5.00 per doz.

Mahony. Crimson maroon.

Marie Studholme. Pure salmon.

Mrs. Perry. Soft salmon rose.

Muriel Russel. Improved Perry's white.

Oriental King. Crimson scarlet with strong stems. 35c. each; doz., \$3.50.

Perry's White. Pure satiny white with a bold crimson blotch at the base of each petal. 50c. each; doz., \$5.00.

Princess Victoria Louise. Salmon pink.

Rose Queen. Clear salmon pink.

Silberblick. Silvery white, shaded salmon.

Price of any of the above Oriental Poppies (except where noted), 25c. each; doz., \$2.50; \$17.50 per 100.

ICELAND POPPIES

The graceful foliage is surmounted with a mass of stems a foot high, which terminate in a beautiful cup-shaped flower. Flowers continuously the entire summer.

Orange King (Orange Yellow).

White. Yellow. Mixed Colors.

Any of the above, 20c. each; doz., \$1.50; \$10.00 per 100.

POTENTILLA (Five Fingers)

Handsome plants, with brilliant flowers, which appear in great profusion from June until August. They do well in any soil; 18 inches high.

Atrosanguines Gibsons Scarlet. Fine brilliant scarlet single flowers; plant of branching habit; covered with bloom from June to autumn.

Formosa. Fiery orange, with light yellow.

Hoopwoodiana. Dark red, shaded yellow. Price of Potentillas, 25c. each; doz., \$2.50; \$17.50 per 100.

PRIMULA (Hardy Primrose)

One of the first of the early spring flowers which delight in a rich soil, preferably in a semi-shaded location.

Acaulis Alba Plena. Double white. 25c. each; doz., \$2.50.

Acaulis Lilac. Very early and prolific. 25c. each; doz., \$2.50.

Auricula. A mixture of brilliant shades of red and yellow, of seed saved from the finest strains.

Polyanthus. Velvety red, edged golden yellow.

Veris (English Cowslip). A mixture, covering various shades of red and yellow. 10c. each; doz., \$1.00; \$7.50 per 100.

Veris Superba. A giant flowered form of P. veris. Golden yellow. 20c. each; doz., \$2.00; \$12.50 per 100.

Vulgaris. The English yellow Primrose.

Vulgaris Blue. A blue flowered variety of the English Primrose.

Price of any of the above (except where noted), 20c. each; doz., \$1.50; \$10.00 per 100.

PYRETHRUM

This is one of the handsomest perennial flowers in cultivation to-day. The large daisy-like blooms appear as early as June and continue continuously until September.

Ulinosum. Single giant white. 20c. each; doz., \$2.00; \$15.00 per 100.

Single Flowering in choicest mixture. Embraces deep red, shades of rose and pink to pure white. Strong flowering plants. 20c. each; doz., \$2.00; \$15.00 per 100.

PULMONARIA (Lungwort)

Angustifolia Azurea (Blue Cowslip). This is the prettiest of the blue varieties; grows about 12 inches high and is one of the first to flower in spring. 25c. each; doz., \$2.50; \$17.50 per 100.

Saccarata Maculata. Foliage dark green, variegated silvery grey. Grows 1 foot high; flowers pink, changing to blue. 25c. each; doz., \$2.50.

RANUNCULUS (Buttercup)

Acris Fl. Pl. A dainty double sort with yellow, button-like flowers; 2 feet. 20c. each; doz., \$2.00; \$12.00 per 100.

RUDBECKIA (Cone Flower)

A variety of these will furnish a supply of cut flowers from early July until September. They could be termed "a city garden perennial," doing so well with little attention.

Golden Glow. Double canary yellow; 6 feet; flowers in August.

Newmanni. Single dark orange with deep purple cone centre; 3 feet high; flowers from July to September.

Purpurea (Giant Purple Cone Flower).

The flowers remain in perfect condition for weeks at a time. Flowers from July to September; 2½ ft. high.

Purpurea Tubiflora. Large flowers of brilliant red; petals are formed in a long tube and open gradually; 3 feet high. 50c. each; doz., \$5.00.

Autumn Sun. A splendid single flowering sort. It has long, broad petals of a bright primrose yellow; 5 to 6 feet high; August to October.

Rays of Gold. An improved form of the Golden Glow. The flowers have the same golden color, but have narrow petals, which form a perfect globe. Price of above Rudbeckias (except where noted), 20c. each; doz., \$1.50; \$10.00 per 100.

SALVIA (Meadow Sage)

Azorea. The plant is covered with a mass of rich sky blue flowers, commencing in July and lasting until September; about 3 feet tall. 20c. each; doz., \$2.00; \$12.00 per 100.

Salvia Virgata Nemorosa. This splendid new variety grows into a shapely dense bush form, above which tower the flower spikes, decked with many deep blue blossoms. Blooms continuously from July to September; 2½ ft.

Greggii. Cerise crimson; 2½ feet to 3 feet. Blooms the entire summer and is quite hardy. 35c. each; doz., \$3.50; \$25.00 per 100.

Ulinosina. A beautiful late sort of an attractive shade of blue with a distinct white eye. The plant is of upright habit, branching, and grows about 5 feet high. It blooms freely and flowers practically at every axil. 20c. each; doz., \$2.00; \$12.00 per 100.

Pitcheri. Similar to the Azorea, but of more branching habit; the flowers are very large and of a deep blue color; 3 feet high; July-September.

Scarela. An interesting variety. Pale purple flowers, lower lip white; 3 feet; June and July. 20c. each; doz., \$2.00; \$12.00 per 100.

Price of the above Salvias (except where noted), 25c. each; doz., \$2.50; \$17.50 per 100.

SATUREIA (Winter Savory)

Montana. An evergreen, aromatic plant with slender, branching stems; 12 in. high; showy white flowers in August and September. 25c. each; doz., \$2.50.

SAXIFRAGA

These are exceedingly valuable for the front of the border or shrubbery, also for rockeries; 1 foot high.

Cordifolia. Light pink.

Crœsus. Red.

Delia. Crimson purple.

Orcibulare. Deep rose.

Stracheyi Alba. White.

Price of Saxifrages, 25c. each; doz., \$2.50; \$17.50 per 100.

MICHELL'S HARDY PERENNIAL PLANTS

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SCABIOSA

The flowers are gigantic, measuring frequently 3 inches and more in diameter. It delights in a sunny position, and is a cut flower few perennials can equal. The average height is about 2½ feet.

Caucasica. A delicate shade of lavender blue; all summer.

Caucasica Alba. White.

Japonica. Rich lavender blue; July and August.

Lutea Gigantea. Sulphur yellow. 6 ft. July-August.

Price of Scabiosas, 25c. each; doz., \$2.50; \$15.00 per 100.

SAPONARIA (Soapwort)

Caucasica. Double white, tinted rose, flowering all summer; 15 inches high.

Ocymoides. A splendid plant for rock work, growing only 9 inches high. Covered through the whole summer with masses of small, brilliant pink flowers.

Either of the above, 20c. each; doz., \$2.00; \$12.00 per 100.

SCUTELLARIA

Coeruleum. A dwarf spreading Alpine plant, with bright blue flowers; splendid for rockeries; July-August. 20c. each; doz., \$2.00; \$12.00 per 100.

SEDMUM (Stonecrop)

Acre. Yellowish foliage; bright yellow flowers; July-August; 6 inches.

Album. Green foliage, white flowers; height, 6 inches.

Maximum Atropurpureum. Dark bronzy-purple foliage; red flowers. 25c. each; doz., \$2.50; \$17.50 per 100.

Sexangulare (Love'en'tangle). Dark green foliage; yellow flowers; 6 inches.

Sieboldii. Roundish foliage, with a blue cast, the flowers are bright pink.

Spectabilis. This variety grows about 18 inches and flowers in June, foliage light green, immense heads of pink flowers.

Spectabilis Brilliant. One of the prettiest tall growing species, reaching a height of about 18 inches; broad light green foliage and richly colored flowers of amaranth red. September-October. 25c. each; doz., \$2.50; 100, \$17.50.

Stahli. Compact variety with crimson tinted foliage in autumn.

Price of any of the above, except where noted, 20c. each; doz., \$2.00; \$12.00 per 100.

SHASTA DAISY

(See Chrysanthemum, page 49)

SENECIO (Groundsel)

Clivorum. A very effective plant with large green foliage and loose branching heads of bright yellow flowers; 3 to 5 feet high. 25c. each; doz., \$2.50; \$17.50 per 100.

Pulcher. Brilliant rosy purple; 2 feet high. 25c. each; doz., \$2.50.

Wilsonianus. A new species from China, bearing immense panicles of golden yellow flowers. 50c. each; doz., \$5.00.

Weitchianus. This variety grows 6 feet, with large heads of bright yellow flowers. 25c. each; doz., \$2.50.

SILENE (Catchfly)

Charming Alpine plants, in bloom from spring until fall; fine for rockeries.

Alpestris. Star-shaped, white flowers on slender stems; 6 inches.

Asteria Grandiflora. Bright red flowers; all summer; 3 feet high.

Schafta. Rosy purple; 4 inches high; July to October.

Price of above Silenes, 20c. each; doz., \$2.00; \$12.00 per 100.

SOLIDAGO (Golden Rod)

Altissima. The finest of the Golden Rods, growing 4 to 5 feet high, with stately panicles of bright golden yellow flowers from July to September.

Canadensis. Our native Golden Rod.

Golden Wings. Very showy; 5 feet high, with immense bright golden yellow flowers from July to September. 25c. each; doz., \$2.50; \$17.50 per 100.

Price of Solidagos (except where noted), 20c. each; doz., \$1.50; \$10.00 per 100.

SPIRAEA (Dropwort)

Graceful border plants; specially adapted for shady positions.

Aruncus. A majestic plant, growing 4 to 6 feet high; large plump foliage and massive plumes of white flowers.

Filipendula. A fine variety with large plumes of white flowers.

Filipendula fl. pl. A charming variety with double white flowers and deeply cut foliage; 1½ feet; June and July.

Palmata (Crimson Meadow Sweet). Purplish red stems and crimson purple flowers; 3 feet; June-July.

Ulmaria fl. pl. Double white; 3 feet; June-July.

Venusta Magnifica. Intense rosy-red, fragrant flowers; 4 to 5 feet; June-July. 50c. each; doz., \$5.00.

Price of above Spiræas, except where noted, 20c. each; doz., \$2.00; \$12.00 per 100.

STACHYS (Woundwort)

An attractive plant, 12 to 15 inches high; flowering in June and July.

Betonica Rosea. Rich brilliant pink.

Lanata. An ideal edging plant with silvery-white woolly foliage. The flowers are bright purple; 8 inches high. Either of the above, 20c. each; doz., \$2.00; \$12.00 per 100.

STATICE (Sea Lavender)

Principally grown for dried winter bouquets.

Gmelini. Immense panicles of flowers of a delicate light blue color; 15 inches high; July to October.

Latifolia. Gigantic heads of dark blue flowers; June to October.

Eximia. Large panicles of pretty lilac flowers; 15 to 18 inches high.

Tartarica. Deep lilac flowers, which appear all summer; 15 to 18 inches high. Price of the above, 20c. each; doz., \$2.00; \$12.00 per 100.

STOKESIA (Cornflower Aster)

The flower has the appearance combining a giant cornflower and an aster; 18 inches.

Cyanea. Very light blue.

Cyanea Alba. Pure white.

Price of the above, 20c. each; doz., \$2.00; \$12.00 per 100.

SYLPHIUM (Cup Plant)

Perfoliatum. Large, beautiful foliage plants, with opposite leaves, which join around the stem forming cup-like cavities; flowers yellow in corymbose heads. 25c. each; doz., \$2.50; \$17.50 per 100.

THALICTRUM (Meadow Rue)

Very graceful plants with handsome, finely cut foliage; they make splendid border plants, also useful for rockeries.

Aquilegiafolium Atropurpureum. Rosy purple; 3 feet.

Aquilegiafolium Album. White; 3 feet.

Aquilegiafolium Album Compactum. A compact growing form, not over 2 feet high; flowers of purest white in large heads. 35c. each; doz., \$3.50.

Flavum. Rich yellow; 2 feet.

Adiantifolium. Foliage resembles the Maiden Hair Fern; miniature white flowers appear in profusion in June and July; 12 inches.

Dipterocarpum. The individual plants are of a rosy purple color; 4 feet; June to August. 35c. each; doz., \$3.50.

Price of above Thalictrums, except where noted, 25c. each; doz., \$2.50; \$17.50 per 100.

TROLLIUS (Globe Flower)

An early flowering plant, lasting in bloom till August. It prefers a shaded location; while hardy, we recommend a slight protection to the plant in winter; height, 12 inches.

Caucasicus "Orange Globe." Large, deep-orange colored flowers.

Europæus. Bright yellow.

Japonicus "Excelsior." Very deep orange.

Price of any of the above, 25c. each; doz., \$2.50; \$17.50 per 100.

TUNICA

Saxifraga. A pretty plant of a very graceful trailing habit; pink flowers; fine for rockeries. 25c. each; doz., \$2.50.

THERMOPSIS

Caroliniana. A showy, tall growing plant, 3 feet high; long spikes of yellow flowers in June and July. 25c. each; doz., \$2.50; \$17.50 per 100.

TRILLIUM (Wood Lily)

Excellent for shaded positions, flowering very early in spring.

Erectum. Purple.

Grandiflorum. White.

Price of Trilliums, 15c. each; doz., \$1.50; \$10.00 per 100.

TRITOMA (Flame Flower)

(Flame Flower, Torch Lily or Red Hot Poker Plant)

In summer and autumn when other flowers are on the wane, the Tritoma looms up and furnishes a wealth of bloom till killing frosts check it. Though the roots are considered hardy, we, however, recommend that they be lifted in the autumn and placed in a box of soil or sand, preferably in the cellar.

Fitzgeraldii. Blooms from August till October; rich orange scarlet. 25c. each; doz., \$2.50; \$17.50 per 100.

Tuckii. The flowers of this variety are of a distinct shade of red, shaded primrose yellow; 4 feet high; August-September. 25c. each; doz., \$2.50; \$17.50 per 100.

C. O. D.

(hi)

Plants travel best by express. No plants sent



Yucca

VALERIANA (*Spurred Flower*)

Coccinea. Showy heads of red flowers, in bloom all summer; 2 feet.

Coccinea Alba. Pure white.

Officinalis (*Hardy Garden Heliotrope*). Showy pink flowers from June to August, with a strong heliotrope perfume.

Price of any of the above, 20c. each;
doz., \$2.00; \$12.00 per 100.

MICHELL'S CLIMBING PLANTS AND VINES

Actinidia Arguta (<i>Silver Vine</i>). Beautiful dark green, heart-shaped foliage. Fine for covering tree trunks, etc.	Each	\$0.60	Doz. \$6.00
Akebia Quinata . Quick growing vine.....	.30	3.00	
Ampelopsis Engelmannii . Foliage green in summer, turning to crimson in the autumn.....	.35	3.50	
Ampelopsis Henryana . A new variety from China	.50	5.00	
" Humilifolia . Dark glossy green foliage	.50	5.00	
" Elegans . Rapid grower; glossy foliage	.50	5.00	
" Tricolor . Variegated foliage; blue berries in the autumn.....	.35	3.00	
" Lowii (<i>New Japanese Ivy</i>). Clings to the smoothest surface on its own accord. Rapid grower.....	.50	5.00	
" Quinquefolia (<i>Virginia Creeper</i>).....	.30	3.00	
" Veitchii (<i>Boston Ivy</i>).....	.30	3.00	
Aristolochia Sipho (<i>Dutchman's Pipe</i>).....	.60	6.00	
Bignonia Grandiflora (<i>Trumpet Vine</i>). Orange red	.60	6.00	
" Radicans . Dark red, shaded orange....	.35	3.50	
Celastrus scandens (<i>Bittersweet</i>). A vine of very rapid growth .....	.35	3.50	
Clematis Coccinea . Red .....	.30	3.00	
" Crispa . Lavender .....	.30	3.00	
" D. of Edinboro . Double white.....	.50	5.00	
" Flammula . White.....	.30	3.00	
" Henryi . White.....	.50	5.00	
" Integrifolia Durandi . Blue.....	.50	5.00	
" Jackmanni . Purple.....	.50	5.00	
" Mad. Baron Villard . Reddish purple....	.50	5.00	
" Mad. Edw. Andre . Red.....	.50	5.00	
" Montana Grandiflora . White.....	.50	5.00	
" Rubens . Red.....	.50	5.00	
" Nellie Moser . White and pink.....	.50	5.00	
" Paniculata . White (2 year).....	.25	2.50	
" White (3 year).....	.50	5.00	

VERBASCUM

Phœnicium. A most decorative plant, producing deep violet flowers on long spikes, often 3 feet long. Blooms continuously from July to September. 25c. each; doz. \$2.50; \$17.50 per 100.

VERONICA (Speedwell)

A fairly numerous and much grown group of perennials which, with few exceptions, bears spikes of blue flower. Excellent for cutting.

Amethystina. Amethyst blue, flowers in June and July; 2 ft. high.

Incana. White, silvery like foliage, tufted with pale blue flowers; 12 to 18 inches; July and August.

Longifolia Subsessilis. Grows 2½ feet high and is completely studded with spikes of rich blue flowers from July to August. 25c. each; doz., \$2.50; \$17.50 per 100.

Repens. Fine for rockeries or carpet bedding: light blue flowers: 6 inches.

Royal Blue. An exquisite blue flowering sort; flowers from June to August; $2\frac{1}{2}$ feet.

Spicata. A very valuable species; dense tufts; erect spikes of blue flowers in June and July; 18 inches.

Spicata Alba. Similar to preceding, but with white flowers.

Virginia. Free flowering, with bold upright habit. Pale blue; July and August.

Virginia Alba. Large, pure white.
Price of above Veronicas (except where noted), 20c. each; doz., \$2.00;

VINCA (Periwinkle or Myrtle)

It is often a perplexing problem to find the plant that will do well in a dense shade. Right there is where Vinca's of the hardy class should be employed, also in lawn plantings under trees, in woodlands and on spots where it is desired to cover the ground and no grass will grow. The attractive light lavender flowers produce a sheen of color in May. It is valuable for planting on cemetery lots by reason of its dwarf creeping habit. The foliage is green all winter.

Aurea (New). Identical in habit and value with the **Minor** type, except that the foliage is green, margined yellow. It is fast becoming very popular by reason of the brilliant show it makes when mixed in plantings of the **Minor** variety. 25c. each; doz., \$2.50; \$17.50 per 100.

Minor. Green foliage, lavender flowers.
Extra strong plants, 20c. each; doz.,
\$1.50; \$10.00 per 100.

YUCCA (Adam's Needle)

COCCIA (Climbing Canna) *Cream's Needles*,
This plant sets off to best advantage if placed as individual specimens either on the lawn or in the shrubbery border. The foliage is of an evergreen nature, is slender and pointed. The tall flower-spikes rise 4 to 5 feet above the plant and are decked with cream white bell-shaped drooping flowers July and August.

Filamentosa. White, with reflexed flower bells. Extra strong plants, 25c. each; doz., \$2.50; \$17.50 per 100.

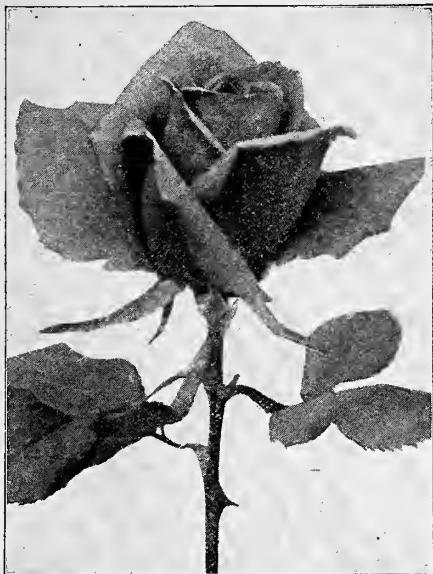
		Each	Doz.
Clematis Sieboldi.	Blue.....	\$0.50	\$5.00
"	Ville de Lyon. Red .....	.50	5.00
Euonymus Radicans Variegata.	Self-clinging vine for walls, stumps or rockeries.....	.20	2.00
"	Radicans Vegetus. Dense foliage.....	.30	3.50
"	Kewensis. Valuable for rockeries.....	.30	3.00
"	Radicans. Deep green foliage.....	.20	2.00
Honeysuckle Chinese Evergreen (Woodbine).	Very fragrant .....	.30	3.00
"	Halleana. Continuous bloomer.....	.30	3.00
"	Heckrothi. Deep red flowers.....	.30	3.00
"	Variegated. Beautiful mottled foliage	.30	3.00
Hop Vine, Japanese.	Rapid grower; dark green foliage .....	.15	1.25
"	Golden Leaved. Bright yellow foliage	.25	2.50
Ivy, English.	Invaluable for covering brick and stone walls. 4-inch pot plants.....	\$0.30	\$3.00
5½ "	" "	.50	5.00
7 "	" "	1.00	10.00
Lathyrus (Hardy Sweet Pea).	White Pearl .....	.30	3.00
"	Pink Beauty. Bril- liant rose.....	.20	2.00
"	Latifolius Albus. Pure white .....	.20	2.00
Lycium Barbarum (Matrimony Vine).	.....	.30	3.00
Polygonum Auberti.	Remarkably strong grower, growing about 12 feet in one season. White flowers .....	.75	8.00
"	Baldschuanicum. Light pink.....	.75	7.50
Schizophragma Hydrangeoides (Climbing Hydrangea).	Introduced from Japan. The large white flower trusses somewhat resemble a Hydrangea and produce a wonderful display. Clings to any surface and is particularly suited for twining about tree trunks	1.00	10.00
Wistaria Chinensis.	Pale blue, somewhat fragrant60	6.00
"	Alba. White-flowering60	6.00

MICHELL'S HARDY POT-GROWN ROSES

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FOR PLANTING
OUTDOORS IN
AUTUMN

All the Roses offered below are extra strong, two-year-old pot grown stock, and if planted this autumn will produce a full crop of flowers next summer. Order now while the selection is good, and have your rose garden established for next spring.



EVERBLOOMING HYBRID TEA ROSES

	Each	Doz.
Antoine Rivoire. Flesh pink.....	\$0.60	\$6.00
A. R. Goodwin. Coppery orange.....	.60	6.00
Augustus Hartman. Brilliant red.....	.75	7.50
Bessie Brown. Cream white.....	.60	6.00
Betty. Coppery rose, shaded golden yellow.....	.60	6.00
British Queen. The finest white rose.....	.75	7.50
Chateau de Clos Vogeout. Fiery scarlet.....	.60	6.00
Chrissie MacKellar. Crimson-carmine.....	.60	6.00
Clotilde Soupert. Soft flesh pink.....	.50	5.00
Coleen. Brilliant pink.....	1.00	9.00
Dean Hole. Salmon pink.....	.60	6.00
Dorothy Page Roberts. Coppery yellow.....	.60	6.00
Earl of Warwick. Soft salmon pink.....	.60	6.00
Edgar M. Burnett. Flesh colored.....	1.00	9.00
Edward Mawley. Velvety crimson.....	.60	6.00
Gen. McArthur. Deep scarlet.....	.60	6.00
Geo. C. Waud. Rich vermillion.....	.60	6.00
Geo. Dickson. Velvety black.....	.60	6.00
Gruss an Teplitz. Crimson red.....	.60	6.00
Harry Kirk. Deep canary yellow.....	.60	6.00
Hermosa. Bright pink.....	.50	5.00
H. V. Machin. Scarlet crimson.....	1.00	10.00
Hugo Roller. Lemon yellow, shaded crimson.....	.60	6.00
Jonkheer J. L. Mock. Deep pink.....	.60	6.00
Jos. Hill. Salmon pink.....	.60	6.00
Königin Carola. Satiny rose.....	.60	6.00
Kaisserin Augusta Victoria. Pure white.....	.60	6.00
Killarney Pink. The ever-popular variety.....	.60	6.00
Lady Ashtown. Delicate rose .....	.60	6.00
Lady Hillingdon. Deep coppery yellow.....	.60	6.00
La France. Satiny rose.....	.60	6.00
Laurent Carle. Carmine red.....	.60	6.00
Lieutenant Chaure. Velvety crimson .....	.60	6.00
Mme. Abel Chatenay. Carmine rose.....	.60	6.00
Mme. Caroline Testout. Bright satiny rose.....	.60	6.00
Mme. Leon Pain. Salmon orange.....	.60	6.00
Mme. Segond Weber. Soft salmon pink.....	.60	6.00
Molly Sharman Crawford. Pure white.....	.60	6.00
Miss Alice de Rothschild. Deep yellow.....	.60	6.00
Mrs. Aaron Ward. Deep Indian yellow .....	.60	6.00
Mrs. A. R. Wadell. Rosy scarlet.....	.60	6.00
Mrs. Ambrose Ricardo. Deep honey yellow.....	.75	7.50
Mrs. Archie Gray. Deep creamy yellow.....	.75	7.50
Mrs. Chas. Russell. Bright rose pink.....	.75	7.50
Mrs. Jas. Lynos. Pearly pink.....	.75	7.50
Mrs. R. D. McClure. Brilliant salmon pink.....	.75	7.50
Mrs. W. Eslea. Glowing crimson carmine.....	.60	6.00
Mrs. Wemyss Quin. Intense lemon.....	.75	7.50
Ophelia. Salmon flesh.....	.60	6.00
Old Gold. Coppery red, shaded apricot.....	.75	7.50

EVERBLOOMING HYBRID TEA ROSES

(Continued)

	Each	Doz.
Prince d'Arenberg	\$0.60	\$6.00
Prince de Bulgarie .....	.60	6.00
Queen Mary. Lemon chrome, bordered carmine.....	.75	7.50
Radiance. Brilliant carmine pink.....	.75	7.50
Red Radiance. Clear red.....	.75	7.50
Richmond. Rich crimson .....	.60	6.00
Souvenir de Pres. Carnot. Soft pink.....	.60	6.00
Sunburst. Golden orange .....	.60	6.00
The Lyon. Coral red, yellow base.....	.60	6.00
White Killarney. Pure white.....	.60	6.00
Willowmere. Rich pink, shaded yellow.....	.60	6.00
W. R. Smith. Blush white, suffused pink.....	.60	6.00
Wm. Cooper. Deep rich red.....	.75	7.50

HYBRID PERPETUAL VARIETIES

	Each	Doz.
Baroness Rothschild. Delicate pink.....	\$0.60	\$6.00
Baron de Bonstetten. Velvety red, almost black .....	.60	6.00
Captain Christy. Pink .....	.60	6.00
Clio. Delicate flesh, shaded deep pink.....	.60	6.00
Fischer Holmes. Bright scarlet; shaded maroon .....	.60	6.00
George Arends. Clear pink .....	.60	6.00
Gloire de Lyonnaise. White; with a slight trace of yellow .....	.60	6.00
Mad. Gabriel Luizet. Pale pink.....	.60	6.00
Magna Charta. Deep pink.....	.60	6.00
Mrs. John Laing. Soft pink; very fragrant.....	.60	6.00
Mrs. R. G. Sharman Crawford. Light pink.....	.60	6.00
Paul Neyron. The largest of all roses, deep rose .....	.60	6.00
Prince Camille de Rohan. Deep velvety crimson .....	.60	6.00
Ulrich Brunner. Bright cherry red, flowers large .....	.60	6.00

MISCELLANEOUS VARIETIES

	Each	Doz.
Blanche Moreau (Moss). Pure white.....	.60	6.00
Juliet (Austrian Briar). Vermilion.....	.50	5.00
Soleil d'Or (Austrian Briar). Golden orange.....	.50	5.00

DWARF BABY RAMBLERS OR POLYANTHA ROSES

	Each	Doz.
Annchen Muller. Brilliant rose pink.....	.50	5.00
Cecile Brunner. Rosy pink .....	.50	5.00
Ellen Paulsen. Bright rose.....	.50	5.00
Geo. Elger. Coppery yellow.....	.50	5.00
Erna Terschendorff. Clear scarlet.....	.50	5.00
Jessie. Bright orange red.....	.50	5.00
Katherine Zeimet. Pure white.....	.50	5.00
Madame Norbert Levavasseur (Crimson Baby Rambler) .....	.50	5.00
Mme. Jules Gouchalt. Bright fiery rose.....	.50	5.00
Mrs. W. Cutbush (Pink Baby Rambler) .....	.50	5.00
Louise Walter. Soft blush pink, almost the exact shade of the variety "Tausendschoen".....	.50	5.00
Orleans. Rich brilliant red flowers.....	.50	5.00
Phyllis. Beautiful carmine pink .....	.50	5.00
Yvonne Rabier. White.....	.50	5.00

ROSA RUGOSA

	Each	Doz.
Alba. Single white .....	.40	4.00
Blanc Double de Coubert. Large double pure white .....	.50	5.00
Rubra. Crimson carmine, single.....	.40	4.00

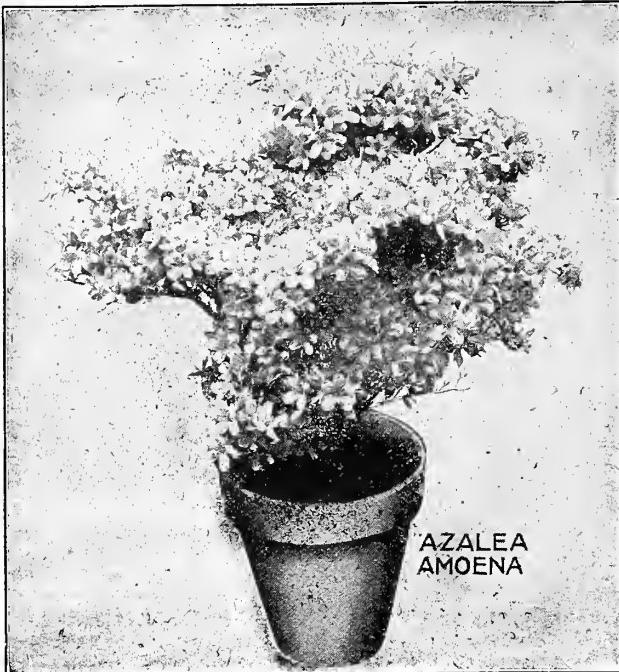
CLIMBING ROSES

	Each	Doz.
American Pillar. Single; rich pink.....	.50	5.00
Aviator Brieriot. Yellow Rambler.....	.60	6.00
Christine Wright. Bright rose pink.....	.60	6.00
Climbing American Beauty. Deep pink.....	.60	6.00
Crimson Rambler. The old favorite.....	.60	5.00
Dorothy Perkins. Pink flowers in long sprays.....	.60	5.00
Excelsa (The Crimson Rambler par excellence) .....	.60	5.00
Hiawatha. Single scarlet, with a yellow circle.....	.60	5.00
Lady Gay. Cherry pink, changing to soft white..	.60	6.00
Silver Moon. Gigantic pure white flowers.....	.75	7.50
White Dorothy Perkins. The best white Rambler.....	.60	5.00
Tausendschoen. An exquisite shade of soft pink, which changes to a rosy carmine when fully open .....	.60	5.00

For full description of Roses see our General Catalogue, which is free on application.

MICHELL'S FLOWERING AND DECORATIVE HARDY SHRUBS

HARDY RHODODENDRONS



AZALEA
AMOENA

HARDY AZALEAS

Amoena. Dwarf bushy shrub; covered in April and May with masses of purplish-red double flowers, which last from 3 to 4 weeks. The foliage remains all winter, when it takes on a coppery-red shade. 12-inch diameter heads. \$1.00 each; per doz., \$10.00; \$80.00 per 100.

Anthony Koster. A type of the Mollis variety, with exceptionally large flowers of a golden orange. The color is very bright and the sort is considered the best of the Mollis varieties; flowering in May; plants with 12 to 15 in heads. \$1.25 each; per doz., \$12.00; \$90.00 per 100.

Mollis. Of dwarf bush-like habit, with light green leaves. The flowers are as large as the Azaleas, usually seen in greenhouses. There are but three colors of it, yellow, orange and red; it blooms about the middle of May. When massed in a large bed they create a particularly beautiful spot; mixed colors. Plants, 12 to 15 buds. 85c. each; per doz., \$8.00; \$60.00 per 100.

Pontica Bouquet de Flore. Salmon rose, semi-double, 18/24 inches. \$1.25 each; doz., \$12.50.

Pontica Coccinea Speciosa. Brilliant salmon, shaded darker, 18/24 inches. \$1.25 each; doz., \$12.50.

Pontica Davisi. Pure white, free bloomer, 18/24 inches. \$1.25 Each; doz., \$12.50.

Pontica Nancy Waterer. Indian yellow, very attractive, 18/24 inches. \$1.25 each; doz., \$12.50.

Hinodegiri. A much more brilliant variety than Amoena. Grows 2½ feet high and is literally smothered with masses of bright, fiery red single flowers in April and May. Strong plants, 18 in. diameter. \$1.50 each; doz., \$15.00; 100, \$100.00.

Hinamayo. Delicate deep pink flowers. This looks well planted among the Amoena and Hinodegiri varieties. 18 inch; well-budded plants. \$1.25 each; doz., \$12.00; \$80.00 per 100.

Japonica Alba. Pure white large flowers, very showy among bright colored flowering shrubbery. Strong 18-inch plants. \$1.25 each; doz., \$12.50; \$80.00 per 100.

J. C. Van Tol. A type of the Mollis variety, but much larger, flowering bright red; a fine contrast when planted with A. Koster variety; plants with 20 to 25 buds. \$1.00 each; doz., \$10.00; \$75.00 per 100.

Yodogama. In May this variety is a mass of lavender pink; flowers very distinct; plants, strong 18-inch stock. \$1.00 each; doz., \$10.00; \$75.00 per 100.

AMYGDALUS (Flowering Almond)

Rubra Flore Pleno Nana. Erect, slender branches, which are covered in May with small, very double, fragrant, pink flowers. Strong plants, 1½ to 2 feet. 75c. each; doz., \$7.50.

They require good garden soil. It is advisable to protect with leaves or brush during winter.

Album Elegans. Pure white, gigantic flower heads.

Caractacus. Crimson or blood red, a handsome shade.

Prof. Chas. Dickens. Red, a shade between light and dark.

Prof. Chas. S. Sargent. Rich crimson.

Everestianum. Lavender, very delicate and of great beauty.

Fastuosum (Double). Lavender; very large flower heads.

F. D. Godman. Crimson.

Gen'l Grant. Aniline red.

***James MacIntosh.** Rich scarlet.

Kettledrum. Deep red or rich purplish crimson.

***Lady Grey Egerton.** Mauve.

Roseum Elegans. Rose pink, large flowers.

Price of 18 to 24-inch plants, \$1.75 each; per doz., \$15.00; \$100.00 per 100.

24 to 30 inches high, \$3.00 each; doz., \$30.00; \$200.00 per 100.

*Varieties marked thus can be supplied in 18/24-inch plants only.

AMORPHA (False Indigo)

Fruticosa. A strong growing shrub, from 6 to 7 feet high, with terminal panicles of pretty, odd and attractive bluish-purple flowers in July. 40c. each; doz., \$4.00.

ANDROMEDA (Lily of the Valley Shrub)

Japonica. Deep evergreen foliage, with drooping spikes of white flowers. \$1.25 each; doz., \$12.50.

ALTHEAS (Rose of Sharon)

Alba Plena. Pure white; double.

Atropurpurea Plena. Double purple.

Cœrulea Plena. Double blue.

Duchess de Brabant. Double; deep red.

Grandiflora Superba. Double blush with crimson centre.

Totus Albus. Single; pure white.

Plants, 2 to 3 feet high. 35c. each; doz., \$3.50; \$25.00 100.

BERBERIS (Japanese Barberry)

Thunbergii. The slender branches are prickly with small thorns, and tend to make a defensive hedge that few animals will attempt to penetrate. In autumn the foliage is a bright crimson; when it falls, a profusion of scarlet berries, which remain throughout the winter, are revealed on the branches.

	Doz.	100	1000
1 to 1½ feet (plant 8 to 10 in. apart)	\$1.75	\$12.50	\$100.00
1½ to 2 feet (plant 10 to 12 in. apart)	2.00	15.00	120.00
2 to 2½ feet (plant 12 in. apart).....	4.00	27.50	200.00

Atropurpurea (Purple Barberry). Of erect growth, with purplish foliage. Small yellow flowers followed in the autumn with red berries, 2½ to 3 feet. 35c. each; doz., \$3.50; \$25.00 per 100.

CALYCANTHUS (Sweet Shrub or All Spice)

Floridus. Chocolate-colored double flowers, with a peculiar, agreeable odor. Blooms in June. 35c. each; doz., \$3.50.

CERASUS (Flowering Cherry)

Double White. Numerous white flowers conceal the branches in May; 4 to 5 feet. \$1.50 each.

Double Pink. Beautiful shade of pink; splendid for lawn decoration; 3 to 4 feet. \$1.75 each.

CYTISUS (Golden Chain)

Laburnum. A large shrub with shining green leaves and long, drooping racemes of yellow flowers, which appear in early summer; 3 to 4 ft. plants. 60c. each; doz., \$6.00.

CLETHRA (Sweet Pepper Bush)

Alnifolia. Of low and dense growth; white fragrant flowers appearing in July. 35c. each; doz., \$3.50.

CERCIS (Judas or Red Bush)

Canadensis. A tall slender growing shrub, developing eventually into a large tree. Very early in the spring the leafless branches are covered with delicate deep pink flowers; 2 to 3 foot plants. 50c. each; doz., \$5.00.

CHIONANTHUS (White Fringe)

Virginica. In May and June the tree is covered with long, fluffy panicles of fine white bloom. Strong plants; 2 feet. 40c. each; doz., \$4.00.

CORNUS (Dogwood)

The flowers appear before the foliage in May. In the autumn takes on a rich crimson shade.

Florida (White Flowered Dogwood). Strong plants; 2 to 3 ft. 50c. each; doz., \$5.00.

Rubra (Pink Flowered Dogwood). 2 to 3 ft. \$1.25 each; doz., \$12.50.

EXOCHORDA (Pearl Bush)

Grandiflora. A profuse bloomer in the early summer. Flowers star shaped, sometimes an inch in diameter; pure white. 2 to 3 feet. 35c. each; doz., \$3.50.

ELEAGNUS (Japanese Oleaster)

Longipes. A desirable nearly evergreen shrub of medium height, with light green foliage, which is silvered on the under surface. The orange-scarlet colored berries are very attractive during late summer. 35c. each; doz., \$3.50.

ERICA (Heath)

This is a species of Heather, which flowers in July.

Vulgaris. Rosy red flowers.

V. Alba. White.

Strong plants of the above, 40c. each; doz., \$4.00.

DEUTZIA

The Deutzias are among the most useful of our summer flowering shrubs.

Candidissima (*Fl. pl.*). Abundant racemes of double, pure white flowers in June, luxuriant foliage and fine habit. 2 to 3-foot plants.

Crenata (*Fl. pl.*). Double flowers, white, tinged with rose, blooming in June; 2 to 3 feet. Plants, 18 to 24 inches.

Crenata Rosea (*Fl. pl.*). Double flowering white, tinged pink. 2 to 3 feet.

Gracilis. Of dwarf, bushy habit. White flower. 18 to 24 inches.

Lemoinei. Very dwarf and compact growing, with very large flowers of purest white, one of the best. 2-foot plants.

Price of the above, 35c. each; doz., \$3.50.

EUONYMUS

Japonica Aurea Var. Beautiful deep green and yellow margined foliage, a splendid evergreen. 12- to 15-inch plants. 75c. each; doz., \$8.00.

FORSYTHIA (Golden Bells)

Bright golden yellow, star-shaped flowers burst into bloom just as winter is leaving and while the bush is otherwise bare.

Fortunei. Erect growing with dark green foliage; 3 to 4 ft.

Suspensa. Of graceful drooping habit, can also be trained for covering arches and trellis work. Plants, 3 to 4 ft.

Viridissima. Of erect growth and spreading branches, narrow glossy foliage; one of the first to bloom. 3 to 4 ft. plants.

Price of Forsythias, 35c. each; doz., \$3.50.

HYDRANGEA

Arborescens Grandiflora Alba (*Snowball Hydrangea*). The snow-white blooms are of the largest size. Coming into flower early in June and lasting until late August. 2 ft., 35c. each; \$3.50 doz.

Paniculata Grandiflora. The large panicles of white flowers are at their best during August; later they take on a reddish cast. Strong bush form 2 to 3' ft. plants, 30c. each; per doz., \$3.00. Extra strong stock, 3 to 4 ft. 50c. each; per doz., \$5.00.

Paniculata Grandiflora (*Standard or Tree Shaped*). These are fine, planted as individual specimens in the lawn or in the centre of beds, containing other plants. Stems, 2 to 2½ feet long with shapely heads. 85c. each; per doz., \$9.00.

HYDRANGEA (Otaksa Varieties) (*See page 46*)**KALMIA** (Mountain Laurel)

For planting in conjunction with Rhododendrons and Evergreens, the Laurel fills an important part. Foliage is evergreen and about May and June, according to locality, the plant is a mass of flowerheads.

Latifolia. A delicate pink, changing to white. Strong plants, 18 to 24 inches. \$1.25 each; per doz., \$12.00; \$85.00 per 100.

KERRIA (Globe Flower or Corchorus)

Shrubs with light green branches.

Double-flowered. Of medium size; double yellow flowers. Plants, 2 to 3 feet high. 35c. each; per doz., \$3.50.

LONICERA (Honeysuckle)

Morrowi (*Japanese Bush Honeysuckle*). An open bush with irregular branches. The foliage is dark green with small white flowers. During the early autumn the plant is covered with bright red berries. Plants, 2 to 3 feet.

Tartarica (*Tartarian Honeysuckle*). An old-fashioned useful shrub with small fragrant flowers, some pink, others crimson and blush. These are followed by attractive reddish-orange berries. Plants, 2 to 3 feet.

Price of the above Loniceras, 35c. each; doz., \$3.50.

PHILADELPHUS (Mock Orange or Orange Blossoms)

Coronarius. Handsome foliage and beautiful white flowers, quite fragrant. Plants, 2 to 3 feet.

Grandiflorum. A tall growing white variety, robust grower. Plants, 2 to 3 feet. 30c. each; doz., \$3.00.

LILAC (*Syringa*)**POT-GROWN PLANTS SUITABLE FOR FORCING**

Chas. X. Large reddish purple with heavy trusses.

Marie Le Grey. Single, pure white, of wonderful fragrance.

Marie Lemoine. Double pure white.

Mme. Casimir Perier. Double, pure white, with large individual flowers of exquisite odor; grand for cutting.

President Grevy. Large panicles; double blue flowers; very fine.

Simon Mardner. Large, compact trusses; bright blue.

Souvenir de Louis Spaeth. Deep purplish-red flowers in compact trusses.

Price of any of the above pot-grown Lilacs in extra strong fine plants, \$1.50 each; per doz., \$15.00.

FIELD-GROWN PLANTS. (See Above for Description.)

Charles X, Marie Le Grey, Mme. Casimir Perier, President Grevy, Souvenir de Louis Spaeth, Marie Lemoine, Simon Mardner. Extra strong plants of the above, field grown, 50c. each; doz., \$5.50.

Vulgaris. Common purple, sweet-scented Lilac. 18/30-inch. 35c. each; doz., \$3.50.

Vulgaris Alba. Pure white type of the above, but more fragrant. 18/30-inch. 35c. each; doz., \$3.50.

White Persian. Very early flowering; pure white, sweet scented. 18/24-inch. 40c. each; doz., \$4.00.

Persian. Early purple flowering; very profuse. 18/24-inch. 40c. each; doz., \$4.00.

PRUNUS

Pissardi (*Purple-leaved Plum*). A tree-like shrub with dark purple leaves that keep their lustrous colored foliage right up till frost, having small pinkish white flowers in early spring. Plants, 2 to 3 feet. 35c. each; doz., \$3.50.

Triloba (*Double-flowering Plum*). Double pink flowers in April. The plants are 2 to 3 feet high. 40c. each; doz., \$4.00.

PYRUS

Japonicus (*Japan Quince*). This shrub is a beautiful sight, when covered in the early spring with cherry-red flowers about the size of an apple blossom. This plant can also be used for hedge effects, and on account of the thorny nature it is a good barrier against cats, dogs and other animals. Extra strong plants, 2½ ft., 35c. each; doz., \$3.50.

MAPLES (Japanese) (*Acer Japonicum*) (Pot Grown)

Hardly anything in plants or shrubs is more attractive than these, especially in the early spring, just after they burst into foliage.

Japonicum Atropurpureum. Red-leaved Japan Maple. Very fine foliage, which becomes more intense red, as the season advances. Extra strong plants, in pots, 18 to 24 inches high, \$1.25 each.

Japonicum Dissectum. Dark red, very fine cut fernlike foliage; the plants have a low, spreading habit. Strong plants, in pots, 18 to 24 inches, \$1.25 each.

Aureum. A delicate shade of greenish yellow, which varies somewhat during the season. This, massed amongst others with dark foliage is a treat for the eye. Extra strong plants, in pots, 12 to 18 inches, \$1.25 each.

RHUS (Purple Fringe or Smoke Tree)

Cotinus. In July this is made very attractive, because of the light, airy or mistlike panicles of dark purplish blooms. Strong plants, 2½ feet, 40c. each; doz., \$4.00.

RHODODENDRONS (*See page 60*)

MICHELL'S FLOWERING AND DECORATIVE HARDY SHRUBS

SPIREA

Anthony Waterer. Of dwarf, dense habit, bearing a profusion of crimson flowers. 18 to 24 inches, 35c. each; per doz., \$3.50.

Opulifolia Aurea. Bears an abundance of fragrant white flowers in clusters during June; the leaves are golden in spring but darken as the season advances. Extra size, 4 feet, 35c. each; doz., \$3.25.

Prunifolia (Bridal Wreath). The pretty double white flowers are all along the almost leafless stem about May 1st just as the leaves are budding. Splendid plants, 3 feet, 35c. each; per doz., \$3.50.

Van Houttei. This handsome species is the most desirable. The exceedingly beautiful white flowers appear in May in great profusion, a strong, robust grower. It is of compact habit and a beautiful ornament for the lawn. Plants, 2 to 3 feet, 30c. each; per doz., \$3.00.

Thunbergii. A graceful bush, bearing in April and May innumerable small, white flowers with dainty foliage. Large plants, 2½ feet, 35c. each; doz., \$3.50.

Reevesii Flore Plena. Double flowers in May and June, which last several weeks longer than most other varieties, making one of the best flowering shrubs. Pure white, 2½ feet, 35c. each; doz., \$3.50.

SAMBUCUS

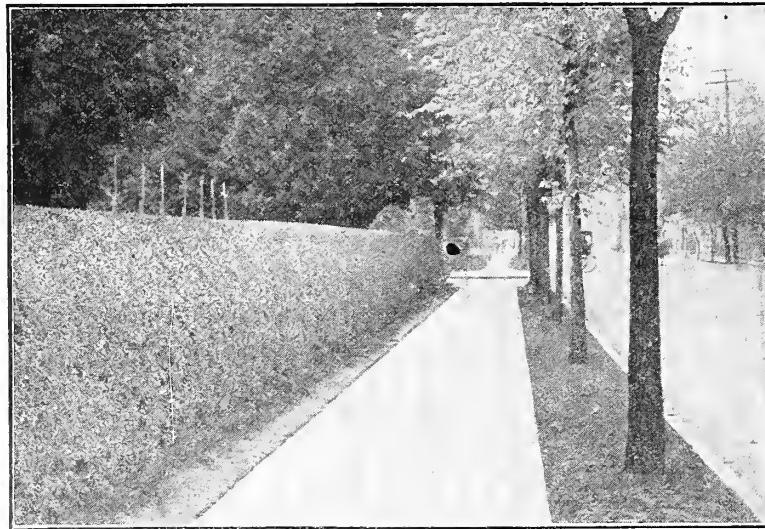
Aurea (Golden Elder). Attractive by its golden foliage and desirable to mix with other shrubs to relieve the sombreness of green. 3 ft. 35c. each; doz., \$3.50.

Racemosus (Red Berried Elder). A robust growing shrub of easy cultivation. Attractive throughout the season. The white flowers, which appear in the spring, are followed by bright red berries in autumn. 2 to 3 ft. 35c. each; doz., \$3.50.

SYMPHORICARPUS

Racemosus (Snowberry). Small red flowers are succeeded by many white berries, remaining on the plant through half the winter; strong plants, 2 ft. 35c. each; doz., \$3.50.

MICHELL'S HEDGE PLANTS



A Privet Hedge is Much More Attractive than the Best Fence

Shipping Season, October and November

CALIFORNIA PRIVET

Exceedingly beautiful; leaves deep green, bright and very glossy. Especially adapted for hedges at the seashore; easily transplanted. Unlike a fence which needs painting, repairing, etc., and then never looks well, this hedge is no further expense after planted, and it adds dignity and charm to any home, and increases the value of real estate. Being absolutely hardy, it increases in its beauty with each successive year, and the possibilities are amply displayed at some of the model suburban home grounds in and around Philadelphia.

Plant from October 1st to November 15th, and from March 15th to May 15th. Ask for our special free circular on California Privet.

Height	Doz.	100	1000
1-yr.-old, 18 to 24 in., 3 to 4 branches.	\$0.75	\$3.50	\$30.00
2-yr.-old, 24 to 30 in., 5 to 8 branches.	1.00	5.00	42.00
2-yr.-old, 30 to 36 in., 8 to 10 branches.	1.25	6.50	52.50

GOLDEN OR VARIEGATED-LEAVED PRIVET

In form and habit like the California variety, but each leaf is margined and blotched golden yellow, giving it a striking appearance.

Bushy Plants, 18 to 24 inches high, 30c. each; doz., \$3.00; \$17.50 per 100.

BERBERIS THUNBERGII (Japanese Barberry)

A good, hardy plant of low dense growth. It is a brilliant light green from early spring to winter. The slender branches are prickly with small thorns, and tend to make a defensive hedge that few animals will attempt to penetrate. In autumn the foliage is a bright crimson; when it falls a profusion of scarlet berries, which remain throughout the winter, are revealed on the branches.

Price of Berberis

1 to 1½ feet.....	Doz. \$1.75	100 \$12.50	1000 \$100.00
1½ to 2 feet.....	2.00	15.00	120.00
2 to 2½ feet.....	4.00	27.50	200.00

Plants travel best by express. No plants sent C. O. D.

(hi)

MICHELL'S SELECTED SMALL FRUITS

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SHIPPING SEASON FROM OCTOBER 15th UNTIL FROST



Blackberry Mesereau

BLACKBERRIES (Extra Strong Plants)

Eldorado. A very vigorous grower, free from mildew or rust, enormously productive; fruit large, excellent quality, free from core. Per doz., 60c.; \$3.00 per 100.

Erie. Very productive; free from rust; fruit of good quality. 75c. per doz.; \$3.00 per 100.

Ohmer. Canes hardy; fruit very large; of excellent quality, firm, with no core, and sweet before soft or fully ripe. 60c. per doz.; \$3.50 per 100.

Mersereau. An enormous producer of extra size berries which are brilliant black and retain their color under all conditions; sweet, without core. Per doz., 75c.; \$4.00 per 100.

Rathbun. Fruit is of enormous size, single specimens measure $1\frac{3}{4}$ inches in length, firm and sweet, with no core. Plant is very hardy. 60c. per doz.; per 100, \$3.00.

Star (New). (Everbearing). Imagine picking great clusters of giant-sized Blackberries from canes that resemble grapevines. This is what you can do if you plant the Star Blackberry. The yield is so great that over 80 quarts of berries have been picked from a single plant of it in one season. Berries are large, of attractive appearance and rich, luscious quality. 20c. each; \$1.50 per doz.; per 100, \$10.00.

Ward. A seedling of the Kittatinny, which it resembles somewhat. The fruit is black throughout, very prolific and firm. 60c. per doz.; \$4.00 per 100.

Note.—If Raspberries are desired by Parcel Post, allow 5 lbs. per doz. for postage, as we send out extra strong plants.

CURRANTS (Extra Strong Plants)

Currants like good rich soil. They are particularly susceptible to scale, and steps should be taken to keep them free from this by liberal spraying, when the bushes are dormant.

Black Naples. Fruit varies from small to large, averaging above medium; strong flavor. An old and well-known variety.

Cherry. Bush vigorous, stocky and compact; cluster rather short, with short stems; fruit averages large; color fine, bright red. One of the most productive of the large currants.

Fay's Prolific. Not quite so strong a grower as Cherry; cluster medium to long, with rather long stems; color darker than Cherry.

North Star. Bush very vigorous, upright, somewhat spreading; clusters medium length.

Red Dutch. An old and well-known standard variety; clusters average about three inches long; berries medium in size, dark red.

Versailles (La Versailles). Bush a vigorous, somewhat spreading grower. Very similar to Cherry in habit of growth and character of fruit.

White Grape. Clusters long; berries very large; of very attractive color, mild flavor and good quality.

Price, any of the above varieties of Currants, strong 2-year-old, 15c. each; per doz., \$1.25; \$8.00 per 100.

Note.—If Currants are desired by Parcel Post, allow 5 lbs. per doz. for postage, as we send out extra strong plants, which generally bear some the first season. The varieties we list are among the best.

RASPBERRIES

(Extra Strong Plants)

Brilliant. Ripens its fruit early and fast, producing bright, glossy, brilliant red berries, handsome. \$1.00 per doz.; per 100, \$5.00.

Cumberland (Blackcap). Selected specimens measure an inch in diameter, immensely productive. 60c. per doz.; per 100, \$3.50.

Cuthbert. Berries very large, measuring 3 inches around; conical; rich crimson. 60c. per doz.; per 100, \$3.50.

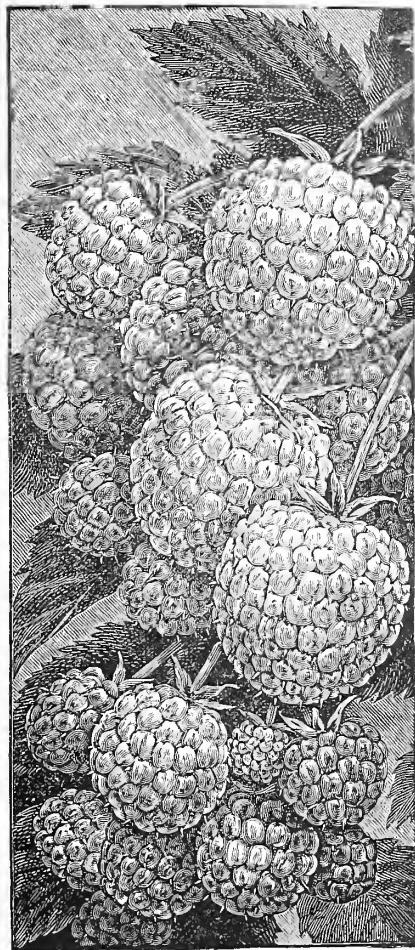
Columbian. Fruit very large, often an inch in diameter; color dark red, bordering on purple. 75c. per doz.; per 100, \$3.50.

Gregg (Black). Large, firm, of good quality, ripening late. Exceedingly productive. 60c. per doz.; per 100, \$3.50.

Golden Queen. Berries are large, of beautiful bright yellow, of excellent quality. Per doz., 75c.; \$3.50 per 100.

Ranere (Everbearing). Extra large fruits, of a beautiful crimson color, very sweet and juicy. 60c. per doz.; per 100, \$4.00.

Scarf. New blackcap variety. The most productive on the market. The fruit is firm, large and of attractive appearance. \$1.00 per doz.; per 100, \$6.50.



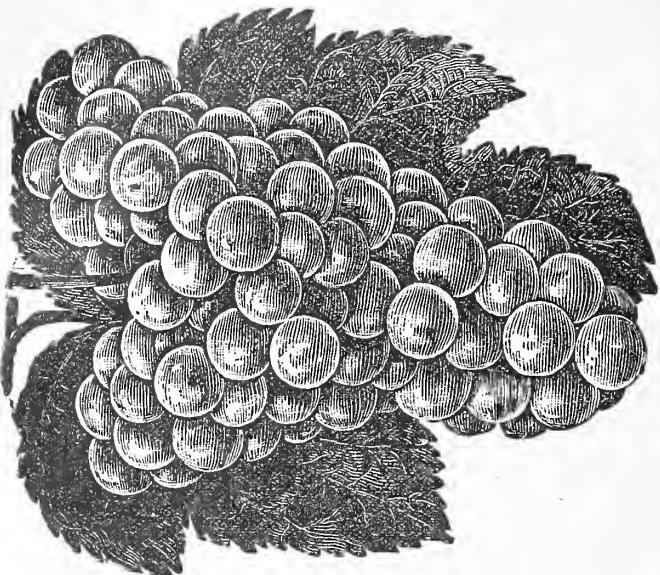
Raspberry Brilliant



Currant White Grape

MICHELL'S SELECTED SMALL FRUITS

(SHIPPING SEASON, OCTOBER 15TH UNTIL FROST)



GRAPE VINES

Brighton. Bunch large, well formed; berries above medium to large, round; excellent flavor and quality. One of the earliest in ripening.

Caco (New). The most delicious of all grapes—perfectly hardy. The large berries are wine-red. Bunch of good size, compact and of good form. Ripens 10 days to 2 weeks in advance of Concord; rich in sugar, excellent in flavor. Extra strong vines, 50c. each; doz., \$5.00.

Campbell's Early. A valuable and delicious grape; vine very strong, hardy and vigorous, with thick, healthy foliage; berries large, black, with light purplish bloom; skin thin; few and small seeds; flavor rich, delicious.

Concord. The well-known standard purple variety.

Delaware. Bunches and berries rather small; light red; juicy.

Catawba. Delicious flavor, medium size red berry.

Green Mountain. A very early grape of the best quality; of medium size; color, greenish-white; almost melting in the mouth; vine vigorous, healthy and productive. 50c. each; per doz., \$5.00.

Moore's Diamond. A strong healthy grower, hardy and productive; color, white; berries large, flesh tender, juicy, but with little pulp; ripens before Concord.

Moore's Early. Berry large, with heavy blue bloom.

Niagara. An unusually strong grower; bunches very large and compact, berries large, light greenish-white, semi-transparent.

Pocklington. Bunch and berries large, when fully ripe a light golden-yellow. Strong grower and productive.

Vergennes. Berries large, holding firmly to the stem; light amber; rich and delicious.

Worden. A beautiful, large black grape; larger, earlier and decidedly better than Concord.

Wyoming. Vine very hardy, healthy and robust. One of the most beautiful of the amber or red grapes, and in size nearly double that of the Delaware.

SPECIAL OFFER. We have an extra fine stock of most of the varieties which are described above, in strong 3-year-old vines. These will invariably produce fruit a year after planting, which makes it well worth while to plant 3-year-old stock. Our stock of these, however, in some varieties is limited and constantly changing; we therefore suggest that customers allow us to send, in case we are sold out of the varieties they want, a good substitute, which in any event will be equal to or better than the variety they have ordered of the same color.

PRICES. 2-year-old vines, except where noted, 25c. each; doz., \$2.50; \$15.00 per 100. Extra strong 3-year-old vines, which generally bear the following season, 50c. each; doz., \$5.00; \$30.00 per 100. Parcel Post Weight, on Grape Vines, 2-year-old, 1 lb.; 3-year-old, 2 lbs.

GOOSEBERRIES (Extra Strong)

Gooseberries should be cultivated during the growing season and fertilized with manure in the early spring or late fall. They will repay you for this trouble with an extra big crop.

Parcel Post Weight on Gooseberries, 5 lbs. per doz.

Industry. An English variety quite hardy here; it is a great producer of large red berries. 20c. each; doz., \$2.00; \$15.00 per 100.

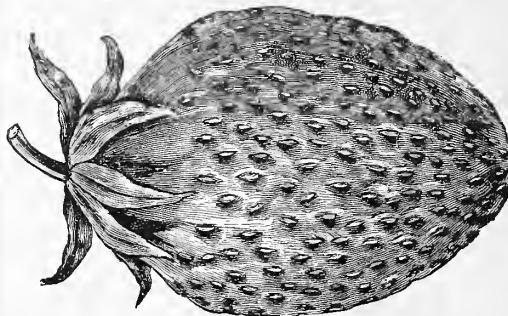
The Pearl. Large pale green fruit of exceptional quality; very sweet. 20c. each; doz., \$2.00; \$15.00 per 100.

Downing. Fruit medium to large, whitish green; flesh soft, juicy. Each, 15c.; per doz., \$1.50; per 100, \$10.00.

Houghton. Bush a vigorous grower, with rather slender branches; very productive. Fruit medium size, pale red, tender and good. 20c. each; per doz., \$2.00; \$15.00 per 100.

Red Jacket. Of American origin, possessing all the good qualities of the English type, and withstand our severe climatic conditions with impunity. A wonderful cropper, with clean healthy foliage. 20c. each; per doz., \$2.00; \$15.00 per 100.

POT GROWN STRAWBERRY PLANTS



Auto

For full description of these see our July Catalog. Copy mailed on request.

These can be planted with splendid success in September and as late as October, and they will produce a good crop next season.

	Doz.	100	1000
Big Joe (Perfect). Mid-season.....	\$0.75	\$5.00	\$40.00
Brandywine (Perfect). Mid-season.....	.75	5.00	40.00
Bubach (Pistillate). Mid-season.....	.75	5.00	40.00
Chesapeake (Perfect). Late.....	.75	5.00	40.00
Early Jersey Giant (Perfect). Early.....	1.00	6.00	50.00
Early Ozark (Perfect). Early.....	1.00	6.00	50.00
Gandy (Perfect). Late.....	.75	5.00	40.00
Glen Mary (Pistillate). Mid-season.....	.75	5.00	40.00
Heritage (Perfect). Mid-season.....	.75	5.00	40.00
Late Jersey Giant (Perfect). Late.....	1.00	6.00	50.00
Marshall (Perfect). Early .....	.75	5.00	40.00
Nick Ohmer (Perfect). Mid-season.....	.75	5.00	40.00
Rewastico (Perfect). Mid-season.....	.75	5.00	40.00
Senator Dunlap (Perfect). Early.....	.75	5.00	40.00
Sharpless (Perfect). Late.....	.75	5.00	40.00
Steven's Late Champion (Perfect). Late..	.75	5.00	40.00
Success (Perfect). Early .....	.75	5.00	40.00
Wildwood (Perfect). Early.....	.75	5.00	40.00
Wm. Belt (Perfect). Mid-season.....	.75	5.00	40.00

Prices of Extra Strong Layer Plants, ready after October 1st. 25c. per doz.; per 100, \$1.50; \$8.00 per 1000, by express not prepaid. Orders can be booked now.

AUTUMN OR EVERBEARING STRAWBERRY PLANTS

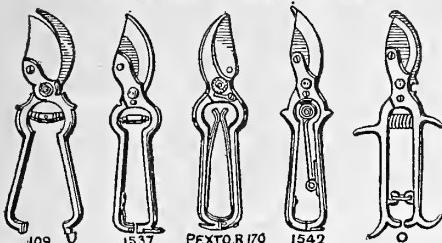
These are very popular and worthy of extensive planting.
Pot Grown Plants.

	Doz.	100
Progressive	\$0.85	\$5.00
Superb .....	.85	5.00
Layer Plants of Fall Strawberries ready in October. 30c. doz.; per 100, \$1.75; \$15.00 per 1000.		

MICHELL'S HORTICULTURAL AND AGRICULTURAL TOOLS

65

PRUNING SHEARS



No.		P. P. Wt.	Each
109	Wiss, 8 in.	.2	lbs. \$2.75
60	Pexto American	.2	lbs. 1.00
65	" "	.2	lbs. 1.25
165	" "	.2	lbs. 1.50
R165	" "	.2	lbs. 1.75
R 70	" "	.2	lbs. 1.75
R170	" "	.2	lbs. 2.25
88	Hessenbruch, 8 in.	.2	lbs. 1.25
1537	German, 8 in.	.2	lbs. .75
1401 1/2	German, 6 1/2 in.	.2	lbs. .60
14	Nickled, 6 1/2 in.	1 1/2	lbs. 1.00
	Perfection, 8 in.		2.25
0	American		.40

Spiral Springs for any of the above Pruning Shears, 10c. each; per doz., \$1.10.

Parcel Post Weight, per doz., 1/2 lb.

FRENCH PRUNING SHEARS

These have a distinct, very easy working spring and are desirable for one whose hand is liable to fatigue when pruning.

Weight	Each
No. 1542—7-inch	.2 lbs. \$1.60
No. 1542—8 1/2-inch	.2 lbs. 2.00

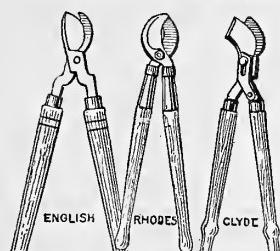
Springs for French Pruning Shear. .25



LEVIN PRUNER

The handle of this shear affords a great deal of leverage, which makes very easy cutting possible. Price, 75c. Weight, 2 lbs.

LOPPING SHEARS



No. 109 English, 4-inch cut, finest English steel. Price.....\$4.50

Rhodes. Double cut. Easiest to operate. 24x28-inch handles. Price 3.25

Clyde, No. 1. 25 inches long. 1 1/2-inch jaw. Price 1.50

Clyde, No. 2. 26 inches. Will handle limb 2 1/2-inch diameter. Price.... 2.50

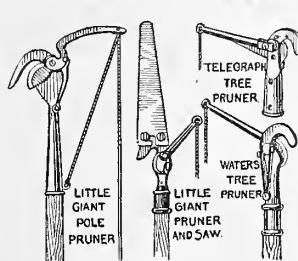
Parcel Post Weight about 5 lbs. each.



LEATHER PRUNING GLOVES

P. P. Wt.	Pair
Buckskin	1 lb. \$2.00
Buckskin, with gauntlets..	1 lb. 2.50

TREE PRUNERS



Disston's Little Giant. Pruner.....\$1.25

Parcel Post Weight, 3 1/2 lbs.

Disston's Little Giant. With saw attachment (see cut)..... 1.75

Parcel Post Weight, 4 lbs.

The above prices are for Pruner without rope or pole.

TELEGRAPH TREE PRUNER

Removable blade which can be renewed when worn out for 25c. Price, plain as in cut, \$1.10.

Parcel Post Weight, 2 lbs.

WATER'S TREE PRUNERS

With removable cutting blade and pole complete.

4 feet	\$1.00
6 "	1.25
8 "	1.50
10 "	1.75
12 "	2.00
14 "	2.25

Extra Blades for Waters Pruners, 25c. each.

None of the above Tree Pruners except the Waters are equipped with poles or rope.

Poles for Tree Pruners.

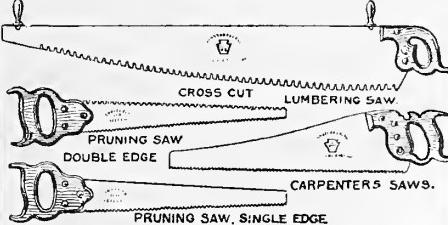
12 feet long, 1 1/4 inches diameter.. \$0.75

14 " 1 1/2 " .. 1.00

16 " 1 1/2 " .. 1.25

Waters Pruners are not mailable.

SAWS



CROSS-CUT LOG SAWS

One Man, 3 1/2-foot blade

Two Man, 5-foot blade..... 3.50

DISSTON PRUNING SAWS

P. P. Wt. Each

18-inch. Double edge..... 2 lbs. \$0.90

20 " " .. 2 lbs. 1.25

16 " Single edge..... 2 lbs. .80

18 " " .. 2 lbs. .90

20 " " .. 2 lbs. 1.10

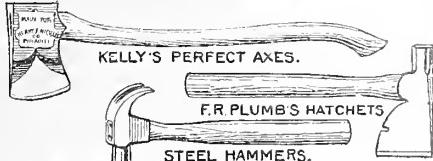
22 " " .. 2 lbs. 1.35

CARPENTER SAWS

When ordering state if rip or cross cut.

Disston No. 8—26-inch blade.....\$2.25

" No. 8—28 " .. 2.50



KELLY'S PERFECT AXES.

F.R. PLUMB'S HATCHETS

STEEL HAMMERS.

CHAMPION SCREW DRIVERS.

COE'S MONKEY WRENCHES.

AXES—KELLY'S PERFECT

Medium	\$1.50
Boy's	1.25

HATCHETS

F. R. Plumb's heavy	1.25
HAMMERS	

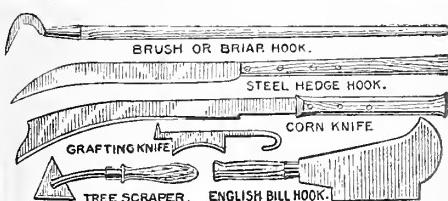
Steel75
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COE MONKEY WRENCHES

Hard steel, 8-in., \$1.00; 10-in. steel, \$1.25	
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CHAMPION SCREW DRIVERS

P. P. Wt.	
No. 23—4-inch blade.....1 lb.	\$0.35
No. 23—6-inch blade.....1 lb.	.45
No. 23—8-inch blade.....1 lb.	.55



BRUSH OR BRIAR HOOK

No. 43. Steel cutting blade, long handle. Price	\$1.00
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STEEL HEDGE KNIVES

Finest steel with a slight hook on blade. Each	\$1.50
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CORN KNIVES

No. 42. Eureka, bent blade	\$0.75
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GRAFTING TOOLS

With wood handle	\$0.85
All steel65

Parcel Post Weight, 1 lb.

TREE SCRAPERS

No. 5, short handled, 75c. (Parcel Post Weight, 1 lb.). Long handled, \$1.25. Not mailable.	
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ENGLISH BILL HOOKS

For trimming heavy shrubbery, trees, etc. Parcel Post Weight, 4 lbs.	
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Short handle	\$2.00
Long handle	2.50

STOVES (HOT WATER)

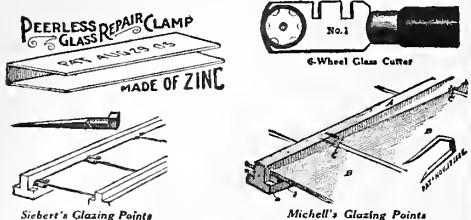
Capacity of in. Pipe	Radiation
No. 0—150 ft.	50 sq. ft.
No. 1—200 "	75 " "
No. 2—400 "	150 " "
No. 4—600 "	300 " "

Prices—No. 0, \$15.00; No. 1, \$19.00; No. 2, \$28.00; No. 4, \$35.00.	
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Send for full descriptive list on these hot-water stoves.

MICHELL'S HORTICULTURAL AND AGRICULTURAL TOOLS

GLAZING MATERIALS



FEDERAL GLAZING CEMENT

1 gal. \$1.25 | 5 gals. \$5.75

GLASS CLAMPS

For supporting broken lights of glass. Per box of 100, \$1.10. P. P. Wt., 1½ lbs.

GLASS CUTTERS

Single Wheel, steel, each.....\$0.15
6-Wheel, steel, each 35
Diamond (ebony handle) 3.00
" (cocoa handle) 4.00

GLAZING POINTS

Michell's Glazing Points. Nos. 1 and 2, 55c. per 1000.

Peerless. Three sizes:

No. 1, for single thick glass.
No. 2, for single thick glass.
No. 2½, for double thick glass.
Price, 60c. per 1000. By mail, 10c. per 1000 extra.

Pincers. For driving Michell's and Peerless Points, 50c.

Siebert Style. Made with a prominent head; cannot rust; easily driven. 5/8, ¾ and 7/8 inches long. Zinc, 55c. per lb.; 5 lbs., \$2.60. 1000 to 1200 in a lb.

Brass. 90c. lb.; 5 lbs. \$4.00.

Zinc Glazing Nails. 50c. per lb.; 5 lbs., \$2.40.

MASTICA

For glazing greenhouses, new or old. One gallon will cover about 300 running feet.

½ gallon.... 8 lbs. \$1.05
1 " 15 lbs. 2.00

MASTICA MACHINE

Mastica Machine For distributing mastica, etc. Made of heavy zinc. Price, \$2.00. P. P. Wt., 2 lbs.

TWEMLOW'S PUTTY

16-lb. can. (1 gal.) P. P. Wt.,
18 lbs. \$2.50
50 lbs. (3 gals.) 6.75
80 lbs. (5 gals.) 11.00

PUTTY DISTRIBUTOR

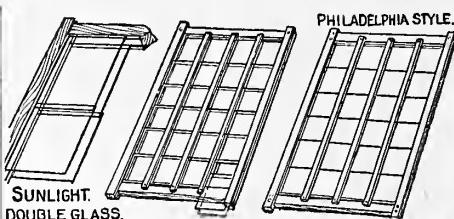
For distributing putty, mastica, etc. Price, \$1.25. Parcel Post Weight, 1 lb.

HAMMOND'S GREENHOUSE WHITE

A superior white paint. 1 gal., \$2.25.

SPECIAL NOTICE

Owing to the unsettled market conditions, all prices in this catalog are subject to change.



HOT BED SASH

Sunlight Glass Sash. These are made with a double glass facing, one on the bottom, another on the top. It is claimed that hotbed mats are unnecessary with these. 3 ft. wide, 6 ft. long. Plain, Unglazed and Unpainted.....\$2.75
Glazed and Painted..... 5.00
Packing Glazed Sunlights, 25c. each.

Philadelphia Style. Best quality cypress. Size, 3 ft. 1¼ in. wide, 6 ft. long, 1¾ in. thick.

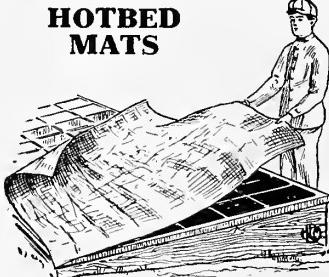
Plain, not glazed or painted, \$2.00 each; \$23.00 doz. (Painting only, 25c. each; extra.)

Glazed, painted, puttied glass, \$5.00 each; \$55.00 doz.

Packing charges on glazed, 25c. each.

Special size hot bed sash made to order.

HOTBED MATS



Hotbed mats keep frosts and severe cold out of frames. They mean earlier and bigger crops.

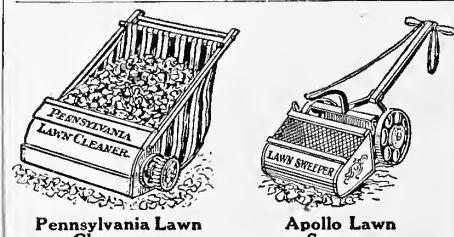
The Burlap are the best mats that it is possible to procure. They are padded with shoddy. Rats and mice do not harbor in them, and they are otherwise practically indestructible. The straw mats dry out more readily and are preferred by many gardeners.

Burlap, 76 x 76 inches, covering two regular size sash. Each, \$2.50; doz., \$28.50.

Burlap, 40 x 76 inches, for one sash. Each, \$1.60; doz., \$17.50.

Plain Burlap Mats. 76 inches wide, any length, 45c. per running foot.

	Each	Doz.
Straw Mats. 3 x 6 feet	\$1.40	\$15.00
" 6 x 6 feet	2.25	24.00



LAWN CLEANERS AND RAKES

Pennsylvania, 24-inch rake	.... \$20.00
" 36 " " "	30.00
Apollo 28 " sweep	18.00

IRON PLANT STANDS

STAR STYLE

Somewhat similar to the "Superior," excepting that they are not fitted with the tilting device, and are finished in black varnish.



Height	Each
12 inches	\$1.25
18 " "	1.35
24 " "	1.50
30 " "	1.60
36 " "	1.70
42 " "	1.80

SUPERIOR STYLE

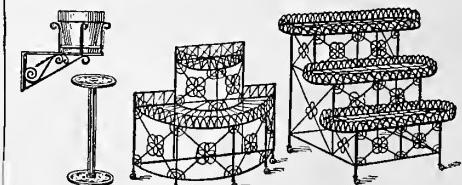
Can be tilted to set your plants at any angle desired to produce the proper decorative effect. Enameled in green.

Height	Size of Plates	Price Each
12 inch	5 x 7	\$1.25
18 "	5 x 7	1.35
18 "	8 x 10½	1.50
24 "	8 x 10½	1.60
30 "	8 x 10½	1.70
36 "	8 x 10½	1.80
42 "	8 x 10½	2.00
48 "	8 x 12	2.15
60 "	8 x 12	2.30
72 "	8 x 12	2.50

EXTRA PLATES FOR IRON STANDS

For Superior	For Star Stands
5 inch.....\$0.30	\$0.30
7 "45	.45
8 "60	....
10½ "75	.60
12 "90	....

WIRE PLANT STANDS



Square Style

1 shelf.....\$2.50	\$2.50
2 " 3.50	3.50
3 " 4.50	4.50

Half Round Style

2 shelf.....\$2.50	\$2.50
3 shelf.....3.50	3.50
4 shelf.....4.50	4.50

JONES' COLLAPSIBLE STYLE

2 shelf..... \$2.50 | 3 shelf.....\$3.50

JONES' POT BRACKET
For 5- to 7-inch pots, 35c. to 45c. each.

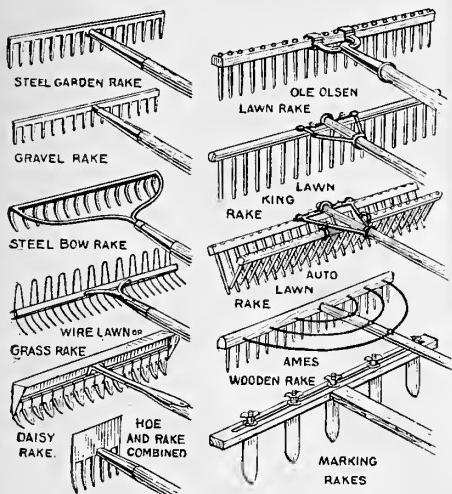
SPECIAL NOTICE

On account of unusual market conditions all prices are subject to change without notice, although we will do our best to avoid any advances.

MICHELL'S HORTICULTURAL AND AGRICULTURAL TOOLS

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LAWN RAKES AND OTHER RAKES



STEEL GARDEN RAKES

No. 6—6-tooth.....	\$0.60
" 8—8 "65
" 10—10 "65
" 12—12 "70
" 14—14 " .....	.75
" 16—16 " .....	.80

STEEL GRAVEL RAKES

No. G12—12-tooth	\$0.65
" G14—14 " .....	.80
" G16—16 " .....	.85
" G18—18 " .....	.90
" 20—20 "	1.05

STEEL BOW RAKES

No. B11—11-tooth.....	\$0.80
" B13—13 " .....	.85
" B15—15 " .....	.90

WIRE LAWN OR GRASS RAKES

No. 2046—46-tooth, for putting greens	\$0.85
No. 124R—24-tooth.....	.60
" 36LR—36 "	1.00

DAISY RAKES

16-tooth	\$4.00
20 "	4.50

HOE AND RAKE COMBINED

No. 4P—4-prong	\$0.70
" 6P—6 "80

OLE OLSEN LAWN RAKE

26-tooth, hickory wood. Price.....	\$0.75
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LAWN-KING RAKES

22-tooth	\$0.50
38 "	1.00
50 "	1.25

AUTO LAWN RAKES NO. 205

26-tooth	\$0.75
38 "	1.25

AMES WOODEN RAKES

No. 37X—24-tooth, steel bows. For lawns	\$0.80
No. 30X—Ames 14-tooth hard wood bow rake for hay and field use... .55	
20-tooth, Lawn, wire braced..... .40	

MARKING RAKES

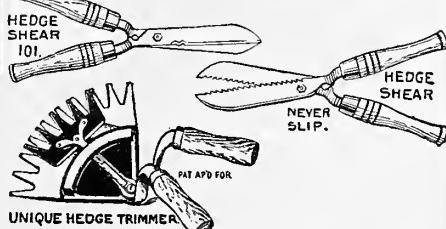
Any width row up to 4½ feet.	
Price	\$7.00

All kinds and sizes.
Prices, 35c. to \$2.

HEDGE SHEARS

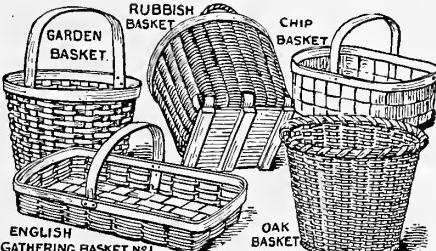


HEDGE SHEARS



UNIQUE HEDGE TRIMMER

Guaranteed satisfactory; cuts 11-inch swath. Price, \$6.00.
Parcel Post Weight, 5 lbs.



GARDEN BASKETS

	With Handle	Without Handle	Doz.
No. 2, stiff handle, ½ bu.....	\$0.60	\$6.00	
No. 3, drop handle, ½ bu.....	.60	6.00	
No. 4, without handle, ½ bu..	.60	6.25	
No. 4, without handle, 1 bu... .75	.75	8.50	

ENGLISH GATHERING BASKET No. 1

12 in. wide, 23 in. long, 4 in. deep....\$0.75

RUBBISH BASKET

Holds 3 bushels. Price with rope handles

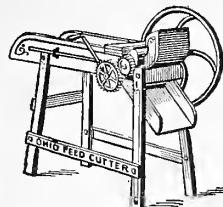
2.50

SPLINT OR CHIP BASKETS

	With Handle	Without Handle	Doz.
1/4 bu.....	doz. \$0.95	doz. \$0.85	
1/2 bu.....	" 1.10	" 1.00	
3/4 bu.....	" 1.90	" 1.75	
1 bu.....	" 2.75	" 2.50	

DROP HANDLE OAK BASKET No. 3

½ bushel capacity, reinforced bottom, 60c. each; \$6.00 doz.



Hay and Feed Cutter



Banner Root Cutter

OHIO HAY AND FEED CUTTER

This is considered the finest machine in the market for cutting hay, ensilage, etc.

Single knife, \$17.50; double knife, \$25.00. Mann's Clover Cutter for poultry raisers' use. Plain, \$10.00; on stand, \$12.50.

BANNER ROOT CUTTERS

No. 7, for poultry, sheep and lambs \$5.50 Roots of vegetables cut up fine take the place of grass and greens during the winter months—a root cutter will be found mighty handy around the farm and poultry yard.

RUBBER APRONS

Rubber Apronseach, \$2.00

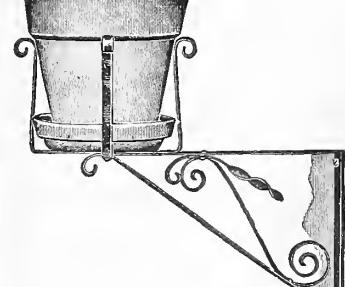


CARRIAGE AND AUTOMOBILE HEATERS

	P. P. Wt.	Each
5. Single drawer, 14 in.....	5 lbs.	\$2.25
5B. Single drawer, 14 in., covered with Brussels carpet	6 lbs.	2.75
7B. 20 in., Brussels carpet .....	.7 lbs.	4.50
10. Three drawers. (See cut)...		7.25

Coal for Auto Heaters. 75c. doz. bricks; per 100, \$6.00. Weight, 8 lbs. per doz.

Tongs for Handling Hot Coals. 25c. Parcel Post Weight, 1¼ lbs.



JONES' POT BRACKET

(Sec cut)

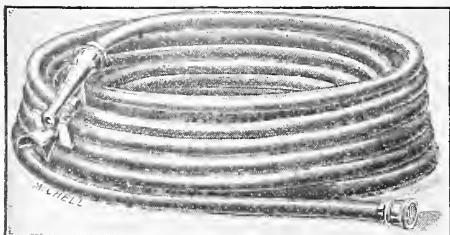
No. 1—Holds 5-inch pot. Each, 35c.; \$4.00 per doz. Parcel Post Weight, each 1 lb.

No. 2—Holds 6-inch pot. Each, 40c.; \$4.50 per doz. Parcel Post Weight, each 2 lbs.

No. 3—Holds 7-inch pot. Each, 45c.; \$5.00 per doz. Parcel Post Weight, each 2½ lbs.

68 Michell's Garden and Greenhouse Accessories

HOSE EQUIPMENTS



RUBBER HOSE

Special attention is called to "Empire Red" Hose, a new brand which, having been thoroughly tried out, has made good.

*Michell's Special,	$\frac{1}{2}$ in.	4 ozs.	\$0.15
"	$\frac{3}{4}$ in.	5 ozs.	.17
*Electric,	$\frac{3}{4}$ in.	5 ozs.	.20
"	$\frac{5}{8}$ in.	5 ozs.	.19 $\frac{1}{2}$
"	$\frac{1}{2}$ in.	4 ozs.	.19
*Revero,	$\frac{3}{4}$ in.	5 ozs.	.19
"	$\frac{5}{8}$ in.	5 ozs.	.18
"	$\frac{1}{2}$ in.	4 ozs.	.17
*Empire Red (corrugated),	$\frac{3}{4}$ in.	.19	
Bull Dog, $\frac{5}{8}$ in., 7-ply....	6 ozs.	.16 $\frac{1}{2}$	
Spray Pump Hose, $\frac{3}{8}$ in....	3 ozs.	.12	

P. S.—Brands marked * come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 30c. per pair for couplings.

Hose Washers. For inside and outside of couplings. 8c. doz.; $\frac{1}{4}$ lb., 30c.

HOSE BANDS

For fastening couplings and menders.

CALDWELL'S

No.	Doz.	100
8—For 3-ply hose	\$0.40	\$2.50
6—For 4-ply hose	.40	2.50
P. Post Weight, doz., $\frac{1}{4}$ lb.; 100, 2 $\frac{1}{4}$ lbs.		

HUDSON'S

Doz.	100
$\frac{3}{4}$ inch	\$0.18
1 "	.20
P. Post Weight, doz., $\frac{1}{4}$ lb.; 100, 2 $\frac{1}{4}$ lbs.	

SURE GRIP

$\frac{3}{4}$ inch, 5c. each; per doz., 50c.
P. Post Weight, doz. 1 lb.; 100, 9 $\frac{1}{2}$ lbs.

BRASS HOSE COUPLINGS

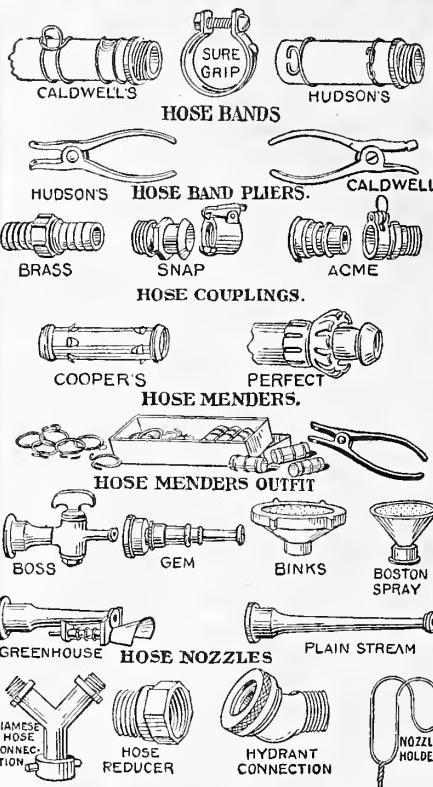
P. P. Wt.	Doz.	Pair	Doz.
$\frac{1}{2}$ inch	3 $\frac{1}{4}$ lbs.	\$0.30
$\frac{3}{4}$ "	4 lbs.	.30
1 "	5 lbs.	.35

SNAP HOSE COUPLINGS

Snap Couplings, 30c. pair; doz. pairs, \$3.25. (Washers, 20c. doz.)
Parcel Post Weight, per doz., 2 $\frac{1}{2}$ lbs.

SNAP COUPLING PARTS

No. 2—Male, 12c. each; per doz., \$1.35
Parcel Post Weight, per doz., 1 $\frac{1}{4}$ lbs.
No. 1—Female, 20c. each; per doz., \$2.00
Parcel Post Weight, per doz., 1 $\frac{1}{4}$ lbs.



ACME HOSE COUPLINGS

No. 3 part, for attaching to spigot, 18c. each; doz., \$2.00.
Parcel Post Weight, per doz., 3 lbs.
No. 4 part, for attaching to hose, 30c. each; doz., \$3.50. Weight, doz., 3 lbs.
Couplings complete, consisting of one No. 3 and one No. 4 part, 47c. each; per doz., \$5.50. Weight, per doz., 6 lbs.

HOSE MENDERS

P. P. Wt.	Doz.	Each	Doz.
Cooper's, $\frac{3}{4}$ in.	1 $\frac{1}{4}$ lbs.	\$0.10
" $\frac{5}{8}$ in.	1 lb.	.10
" $\frac{1}{2}$ in.	1 lb.	.10
Jones', $\frac{3}{4}$ in. (iron)	2 $\frac{1}{4}$ lbs.	.06
Hudson's, $\frac{3}{4}$ in. (brass)	$\frac{1}{2}$ lb.	.05
" $\frac{1}{2}$ in. (brass)	6 ozs.	.04

Republic Hose Menders, $\frac{3}{4}$ in. (screw sleeve) 15 1.50

THE PERFECT HOSE MENDER

For $\frac{3}{4}$ -inch hose, 12c. each; doz., \$1.20
Parcel Post Weight, per doz., 1 $\frac{1}{4}$ lbs.

HOSE MENDING OUTFIT

(For $\frac{3}{4}$ -inch Hose)
Consisting of 6 menders or connections, 18 bands or fasteners, and a pair of pliers for fastening bands. Price, 65c. each.

Parcel Post Weight, 1 lb.

BOSS HOSE NOZZLE

Price, 85c. each. For $\frac{3}{4}$ -inch hose.
Parcel Post Weight, $\frac{1}{2}$ lb.

GEM HOSE NOZZLE

$\frac{3}{4}$ -inch hose. Regulated to give three different streams. Price 60c.
Parcel Post Weight, $\frac{1}{2}$ lb.

THE BINKS NOZZLE

Made of aluminum, with brass face, equipped with interchangeable sprays, coarse and fine. \$2.75 each; worth twice the price.

Parcel Post Weight, 1 $\frac{1}{4}$ lbs.

BOSTON SPRAY NOZZLE

(For $\frac{3}{4}$ -inch Hose)

P. P. Wt.	Price
Light Copper	..... $\frac{1}{2}$ lb. \$0.85
Heavy Brass	..... 1 lb. 1.25

RAINBOW NOZZLE

An all-brass device with an adjustable arrangement, which regulates in a perfect manner the character of the stream this nozzle will throw. For $\frac{3}{4}$ -inch hose. (Parcel Post Weight, 1 lb.) Price \$1.75.

PLAIN STREAM NOZZLES

(For $\frac{3}{4}$ -inch Hose)

P. P. Wt.	Price
5 inch	..... 4 ozs. \$0.35
"	..... 6 ozs. .40
7 "	..... 8 ozs. .45

SIAMESE HOSE CONNECTION

This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. Price, 75c. each.

Parcel Post Weight, 1 lb.

HOSE REDUCERS

Reduces 1-inch pipe to fit regular $\frac{3}{4}$ -in. hose. All brass.
Each 40c.

Parcel Post Weight, 1 $\frac{1}{2}$ lbs.

HYDRANT ATTACHMENTS

Used for attaching hose to smooth faucets.

Royle style \$0.40
Parcel Post Weight, $\frac{1}{2}$ lb.

Boyd Style35
Parcel Post Weight, $\frac{1}{2}$ lb.

NOZZLE HOLDERS

For sticking in the ground while one continues with other work. Heavy galvanized wire. Price, 20c. each.
Weight, 8 ozs.

WATERING CANS



Wotherspoon's (Round), 2-to 16-qt. capacity, \$1.50 to \$4.25

Fern or Low watering can, 4 qts.... 2.25

Oval. Made of best material, \$3.00 to 4.50

English. Heavy tin, 4 to 10 qts., \$2.75 to 4.00

Light Tin, 1 to 4 qts..... 35c. to .50

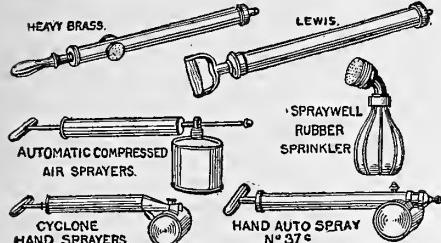
GARDEN AND LAWN TOOLS

Our house makes a specialty of these, and carries probably the largest assortment in practical styles to be found anywhere; the quality is only the very best obtainable and we can readily say our garden and lawn tools give splendid service.

Mitchell's Garden and Greenhouse Accessories

69

SPRAYERS AND SYRINGES



HEAVY BRASS SYRINGES

No.	Diam. Lghth.	P. P. Wt.	Price
99	$1\frac{1}{2}''$ 18"	1 spray.....	1 $\frac{1}{4}$ lbs. \$2.75
101	$1\frac{1}{4}''$ 14"	2 sprays.....	2 lbs. 2.50
101A	$1\frac{1}{2}''$ 16"	2 sprays.....	2 $\frac{1}{4}$ lbs. 3.75
104	$1\frac{1}{4}''$ 18"	2 sprays.....	4 $\frac{1}{2}$ lbs. 6.50
107	$1\frac{3}{4}''$ 20"	(Adjustable)5 lbs.	6.00

LEWIS' SHEET BRASS SYRINGE

Capacity about 1 quart.....\$2.00
Parcel Post Weight, 2 $\frac{1}{2}$ lbs.

SPRAY NOZZLES

All varieties are kept in stock.

SPRAYWELL RUBBER SPRINKLERS

Straight Neck, 6-oz. capacity, each,	\$0.75
" 10-oz. "	1.25
Crook " 6-oz. "	.75
" 10-oz. "	1.25

AUTOMATIC COMPRESSED AIR SPRAYER

Tin, each\$1.00
Brass, each2.00

CYCLONE HAND SPRAYERS

No. 112, Tin, large.....	\$0.50
Tin, small .....	.30
No. 114, Brass	1.25

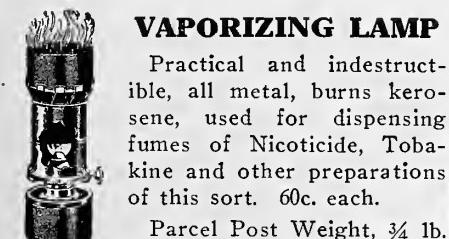


BINKS COMPRESSED AIR SPRAYER

Galvanized Steel.
5-gal. capacity. Discharges entire contents with one pumping. P. P. Wt., 15 lbs.
Price\$6.75

BUCKET SPRAY PUMP

No. 256—Success (without bucket fastener)	\$5.75
Parcel Post Weight, 7 lbs.	
No. 689—Perfect Success (with bucket fastener) (see illustration) ..	7.00
Parcel Post Weight, 9 lbs.	

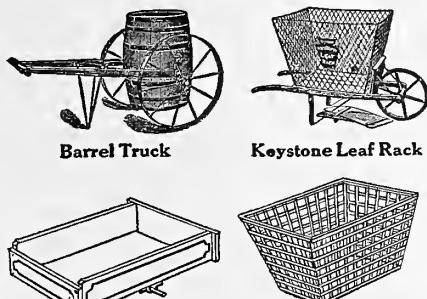


VAPORIZING LAMP

Practical and indestructible, all metal, burns kerosene, used for dispensing fumes of Nicoticide, Tobakine and other preparations of this sort. 60c. each.

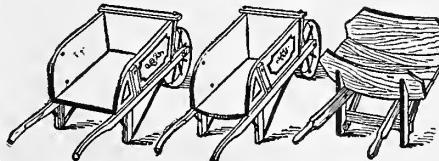
Parcel Post Weight, 3/4 lb.

BARREL TRUCKS, ETC.



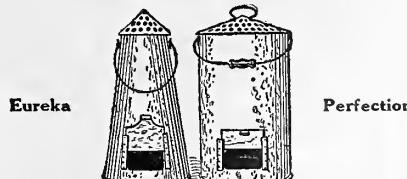
	Stone Box	Metal Frame Leaf Rack
1 $\frac{1}{2}$ -inch tire truck, all iron wheels, with barrel	19.00	
2 $\frac{1}{2}$ -inch tire truck, all iron wheels, with barrel	19.75	
3 $\frac{1}{2}$ -inch tire truck, all iron wheels, with barrel	20.75	
Extra Barrels, with trunnions, open head	6.00	
Stone Boxes for attaching to the above truck	5.00	
Keystone Leaf Rack. Price, not including barrow	6.25	
Wire and Metal Frame Leaf Rack. Thoroughly galvanized. Can be used on barrel truck.....	12.00	

WHEELBARROWS



No.	Tire in.	Lghth. in.	Depth in.	Width in.	Price
3	1 $\frac{1}{2}$	28	11	22	\$5.00
4	3	26 $\frac{1}{4}$	11 $\frac{1}{2}$	27	6.00
5	3	28 $\frac{3}{4}$	11 $\frac{1}{4}$	27	6.50
				Eastern (boys' size)	
2	2	21 $\frac{3}{4}$	9 $\frac{1}{4}$	20	4.00
				Special Greenhouse Style with narrow body and handle width.....	8.50
				Canal—Side dump (bolted).....	3.75

FUMIGATORS



Eureka	Perfection

Eureka Make

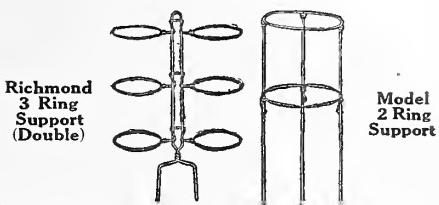
No. 1, for house, 10x100 feet	\$2.50
No. 2, for house, 12x100 feet	3.00
No. 3, for house, 15x40 feet	3.50
No. 4, for house, 20x20 feet	5.00

Fumigators cannot be mailed.

Perfection Make

No. 1, for house, 12x40 feet	\$4.25
No. 2, for house, 15x100 feet.....	5.00
No. 3, for house, 20x100 feet.....	5.50
No. 5, for house, 20x150 feet.....	7.00

RICHMOND CARNATION SUPPORT



This is now the most popular support on the market; it can be put together in a minute, and is always satisfactory.

No. 11—29 in., 3 ring, Doz.	100	1000
double	\$1.00	\$5.25 \$50.00
No. 11—29 in., 3 ring, single .....	.75	5.00 40.00

"MODEL" CARNATION SUPPORT

	Doz.	100	1000
2 Ring	\$0.85	\$5.00	\$40.00
3 Ring	1.00	6.00	50.00

SUNDRIES

Bulb Fibre.	30c. $\frac{1}{2}$ peck; peck, 50c.; 85c. $\frac{1}{2}$ bu.; bu., \$1.50.
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Charcoal. For use in potting. Pk., 25c.; bu., 75c.; bbl. sack, \$1.50.

Carnation Bands (Rubber). For mending calyx. 30c. per oz.; $\frac{1}{4}$ lb., \$1.00.

Carnation Staples. For mending carnation calyx. 60c. per 1000.

Cocoanut Fibre. 10c. qt.; 4 qts., 25c.; 40c. pk.; bu., \$1.00; 5 bu., \$3.75.

Daylite Glass Cleaner. For cleaning greenhouse, conservatory and hot-bed sash glass. \$1.50 per gal.; 5 gals., \$6.25.

Grafting Wax. $\frac{1}{4}$ lb., 10c.; $\frac{1}{2}$ lb., 15c.; 25c. lb.; 5 lbs., \$1.10.

Moss, Green Lump. Pk., 35c.; bu., 75c.; bbl. bag, \$1.75. Green Sheet. Per bundle, 65c.; \$2.50 per bale of 5 bundles.

Sphagnum (dry). Pk., 25c.; bu., 50c.; barrel size bales, \$1.00; 5-bbl. bales, \$2.75. Sphagnum (live). Pk., 25c.; bu., 85c.; bbl., \$2.00.

Pebbles. Per qt., 10c.; pk., 50c.; bu., \$1.50; bbl., \$3.50.

Peat or Leaf Mould. Five barrels, \$7.50; pk., 25c.; bu., 75c.; bbl., \$1.75.

Peat, Orchid. Per barrel bag, \$2.50; pk., 30c.; bu., \$1.00.

Sand. For propagating. Per qt., 5c.; pk., 25c.; bu., 75c.; bbl., \$2.00.

Shaderine. For shading greenhouse glass. 5 lbs., \$1.25; 10 lbs., \$2.00.

Soil. For potting. Qt., 5c.; $\frac{1}{2}$ pk., 15c.; pk., 25c.; bu., 75c.; bbl., \$2.00.

Styptic. Thomson's, for pruning. \$1.10 per bottle.

Tin Foil. 30c. per lb.; \$1.25 per 5 lbs.

Toothpicks. Plain, box, 7c.; 35c. for 6 boxes.

Toothpicks. Wired, 1000, 40c.; 10,000, \$3.50.

Toothpicks. 6-inch, wired, green. \$2.00 per 3000.

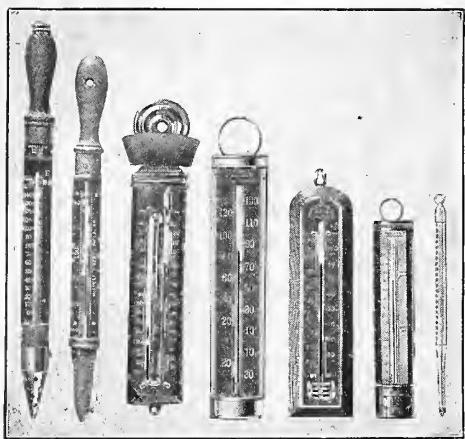
Violet and Green Foil. 45c. lb.

Weed Killer. Herbicide. 55c. qt.; $\frac{1}{2}$ gal., 90c.; \$1.75 per gal.; 2 gals., \$3.25.

Weed Killer (Michell's). 50c. per qt.; $\frac{1}{2}$ gal., 80c.; \$1.50 per gal.; 5 gals., \$6.00; \$11.00 for 10 gals.; 25 gals., \$21.50.

Zementine. For whitewashing and shading. 2 lbs., 20c.

MICHELL'S HORTICULTURAL AND AGRICULTURAL TOOLS



1 2 3 5154 5100 5420-B 5724

THERMOMETERS

MAXIMUM AND MINIMUM

No. 3, registering the coldest and the warmest point during the previous night. 8-inch, each, \$3.50; 10-inch, each, \$4.00

TESTED THERMOMETERS

These thermometers are positively accurate and may be depended upon at all times. We can supply them in Mercury or Spirit Glass. State which is wanted in ordering.

	Each	Doz.
No. 5420B—8 in., Tin Case	\$0.60	6.00
No. 5420B—10 " "	.75	7.50
No. 5154—8 in., Coppered Case	85	
No. 5154—10 " "	1.00	11.00
No. 5100—8 in., Wood Back, Black Scale	1.25	14.00
No. 5100—10 in., Wood Back, Black Scale	1.50	16.00

STANDARD THERMOMETERS

White scale, tin case; very reliable.

No. 5420W—8 in.	\$0.40	\$4.25
No. 5420W—10 "	.55	6.00

MUSHROOM OR HOT-BED THERMOMETERS

No. 1—Brass Point each, \$1.50

No. 2—Galvanized Iron Point.. " 1.00

GLASS DAIRY THERMOMETERS

No. 5724—For testing milk etc., also used for soil purposes, 25c. each; doz., \$2.50.

ELECTRIC THERMOSTAT

This device can be set to ring an alarm when the temperature goes above or drops below a desired point, absolutely reliable, all brass. Regular style, \$8.00; Waterproof style, \$11.00.

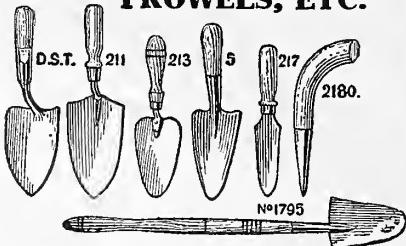
RECORDING THERMOMETERS

With weekly or daily charts showing the temperature for each minute of the day and night. No. 200, price \$32.50.

We can supply Incubator and Brooder Thermometers, also Hygrometers, also any other style of Thermometer for Horticultural purposes.

Our Garden Tool Department we believe to be the most fully equipped of any seed store in the United States. Most every tool of real merit for garden work will be found here, and of the best quality. See our General Catalogue for a complete list of Garden Tools and Sundries.

TROWELS, ETC.



	Each
D. S. T. Long in blade and handle	\$0.85
No. 211, Johnson, 5-inch	.50
No. 211, " 6 "	.65
No. 211, " 7 "	.70
No. 211, " 8 "	.80
No. 213, 5-inch, 12c.; 6-inch	.15
No. 5, 6 " heavy steel	.25
No. 217, Cleves' Angle Trowel, 5-inch, 20c.; 6-inch, 25c.; 7-inch, 30c.	
No. 1795, Long Handled English Trowel	.60
No. 2180, Dibble, for planting bulbs, etc.	
Brass point	.80
Iron point	.50

RAFFIA

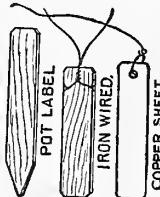
For tying, basket making and fancy work, very long and fibrous.

Natural Color. Price, 35c. per lb.; 5 lbs. for \$1.50.

Colored. In all shades. Send for samples of color. 25c. per $\frac{1}{4}$ lb.; $\frac{1}{2}$ lb., 45c.; 85c. per lb. Allow for postage if Raffia is wanted by Parcel Post.

RAFFIATAPE

Per bolt of 250 yards, 75c.; 6 bolts, \$4.25; 12 bolts, \$8.00.



WOOD TREE LABELS, ETC.

Parcel Post Weight on Tree Labels, $\frac{1}{2}$ lb. per 100.

Iron Wired. 100 1000
Plain \$0.18 \$1.10

Iron Wired. Painted .. .20 1.35
" Plain20 1.35
" Painted25 1.60

Copper Sheet, wired...25c. doz.; 100, \$1.50

Zinc Sheet, wired....25c. doz.; 100, \$1.25

Indelible Marking Pencils each, 10c.

PAINTED POT AND TREE LABELS

P.P.Wt.	100	100	500	1000
4 inch.....	$\frac{1}{2}$ lb.	\$0.15	\$0.60	\$1.00
4 $\frac{1}{2}$ "	$\frac{1}{2}$ lb.	.17	.65	1.10
5 "	$\frac{1}{2}$ lb.	.20	.75	1.30
6 "	$\frac{3}{4}$ lb.	.25	.85	1.60
8 "	2 lbs.	.60	2.50	4.50
10 "	2 $\frac{1}{2}$ lbs.	.75	3.25	6.00
12 "	3 lbs.	.85	3.75	7.00
18 " for field use..	3.50	....	32.50	

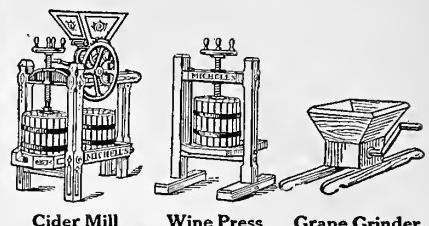
SNOW SHOVELS



Philips. Wood, long handle, well made, 60c.

Adams. Wood, short D-handle, 65c.

Metal (Owosso). Substantially made, \$1.25.



CIDER MILLS

Junior	\$16.00
Medium	20.00
Senior	25.00
" for power	27.50
Little Boss	11.00
Gem, No. 0	8.00
Gem, No. 1	10.00

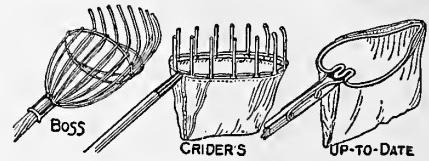
WINE PRESSES

Made of best quality wood, carefully bolted and finished.

No. 1	\$5.25
No. 2	6.00
No. 2 $\frac{1}{2}$	7.50
No. 3	8.50

GRAPE GRINDER

Suitable for crushing berries, grapes and similar soft fruit. Price.....\$4.00



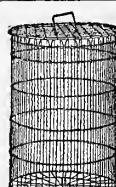
FRUIT PICKERS

	P. P. Weight	Price
Boss .....	.2 lbs.	\$0.35
Up-to-Date .....	.2 lbs.	.15
Crider's .....	.2 lbs.	.15



HUSKING PINS

No. 15 made to fit any size hand.
No. 15—Universal, all metal, each, \$0.20
No. 16—Combination, leather and metal, each35
No. 17—The Boss Husker, adjustable, leather and metal, each25



RUBBISH CONSUMERS

Made of galvanized wire, an indispensable arrangement for burning rubbish, paper, leaves, etc., without endangering property.

LIGHT WIRE

Diameter	High	Price
A, 12 inches	x 18 inches	\$1.50
B, 15 "	x 22 "	2.00
C, 18 "	x 26 "	2.25
D, 21 "	x 31 "	3.50

EXTRA HEAVY CONSTRUCTION

Diameter	High	Price
E, 20 inches	x 30 inches	\$10.00
F, 24 "	x 36 "	14.00

HEADQUARTERS FOR INSECT DESTROYERS

PRICES SUBJECT TO
MARKET CHANGES 71

DIRECTIONS FOR USING ANY OF THE FOLLOWING WILL BE FOUND ON EACH PACKAGE

- Ant Exterminator.** Per $\frac{1}{4}$ lb., 20c.; per $\frac{1}{2}$ lb., 40c.; per lb., 75c.; per 5 lbs., \$3.00.
- Antipest** (Carman's). Qt., 50c.; per $\frac{1}{2}$ gal., 75c.; gal., \$1.40; per 5 gals., \$5.75.
- Aphine.** $\frac{1}{4}$ pt., 25c.; per $\frac{1}{2}$ pt., 40c.; per pt., 65c.; per qt., \$1.00; gal., \$2.50.
- Aphis Punk.** Per pkg., 60c.; 12 pkgs., \$6.50.
- Arsenate of Lead** (Powdered). 1 lb., 50c.; per 5 lbs., \$2.25; per 10 lbs., \$4.25; per 25 lbs., \$10.50; per 50 lbs., \$20.00; per 100 lbs., \$37.50.
- Arsenate of Lead** (Paste). Per lb., 40c.; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$11.00; 100 lbs., \$20.00.
- Black Leaf No. 40.** Per $\frac{1}{4}$ oz. Bottle, 25c.; $\frac{1}{2}$ lb., 75c.; 2 lbs., \$2.50; 10 lbs., \$10.75.
- Boro Wax.** Per qt., 35c.; $\frac{1}{2}$ gal., 60c.; per gal., \$1.00.
- Bordeaux Mixture** (Paste Form). Per lb., 60c.; gal., \$1.25; 5 gals., \$6.00.
- Bordeaux Mixture** (Dry Form). Per lb., 30c.; 5 lbs., \$1.00; 10 lbs., \$1.75.
- Bordeaux Arsenate.** Per lb., 35c.; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$4.75; 50 lbs., \$9.00; \$17.00 for 100 lbs.
- Bug Death.** Per lb., 20c.; 3 lbs., 50c.; 5 lbs., 75c.; 12 $\frac{1}{2}$ lbs., \$1.50; 100 lbs., \$8.25.
- Carbolineum** (Arvenarius). Per gal., \$1.50.
- Copper Solution.** Per qt., 75c.; per gal., \$2.00.
- Cut Worm Destroyer** (Reade's). Per lb., 25c.; 5 lbs., 80c.; 10 lbs., \$1.25; 25 lbs., \$2.50; per 100 lbs., \$7.50.
- Sodium Cyanide, Fused.** Per lb., 75c.; \$3.50 for 5 lbs.
- Dalmatian or Persian Powder.** Per $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 35c.; 1 lb., 60c.; 5 lbs., \$2.75.
- IXL Compound.** Per gal., \$3.50.
- Fir Tree Oil Soap.** Per $\frac{1}{2}$ lb., 35c.; per 2-lb. can, \$1.00.
- Fungine.** Per qt., \$1.00; per gal., \$3.50.
- Getz-There Soap.** Per 2 lbs., 40c.; 8 lbs., \$1.00; 25 lbs., \$2.50.
- Grape Dust.** Per 5 lbs., 50c.; 10 lbs., 95c.; 25 lbs., \$2.10; 100 lbs., \$7.75.
- Hellebore.** Per $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 35c.; 1 lb., 60c.; 5 lbs., \$3.00.
- Kerosene Emulsion** (Liquid). 50c. per qt.; per gal., \$1.25.
- Kil-o-Scale.** Per pt., 35c.; qt., 60c.; $\frac{1}{2}$ gal., 85c.; gal., \$1.35; 5 gals., \$5.50; 25 gals., \$22.50; 50 gals., \$45.00.
- Lemon Oil Insecticide.** Per $\frac{1}{2}$ pt., 25c.; pt., 40c.; qt., 75c.; $\frac{1}{2}$ gal., \$1.25; gal., \$2.00; 5-gal. keg, \$9.00; 10-gal. keg, \$17.50.
- Lime Sulphur.** Per qt., 50c.; 1 gal., \$1.00; 5 gals., \$3.00; 10 gals., \$4.50; 25 gals., \$7.50; per 50 gals., \$11.00.
- Nicoticide.** 1-oz. bottle, 25c.; 2-oz. bottle, 50c.; $\frac{1}{4}$ pt., 70c.; $\frac{1}{2}$ pt., \$1.25; pt., \$2.50; qt., \$4.50; $\frac{1}{2}$ gal., \$8.25; gal., \$15.00. Lamps for Nicoticide, 60c. each.
- Nikoteen.** $\frac{1}{2}$ oz., 15c.; $\frac{1}{4}$ oz., 40c.; $\frac{1}{2}$ pt., 85c.; pt., \$1.50; per gal., \$10.00.
- Nico-Fume** (Liquid). $\frac{1}{4}$ lb., 50c.; 1 lb., \$1.50; 4 lbs., \$5.50; 8 lbs., \$10.50.
- Nico-Fume Paper.** Per box, 24 sheets, 85c.; per 144 sheets, \$4.00; 288 sheets, \$7.50.
- Paris Green.** Per $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 35c.; 1 lb., 65c.; 5 lbs., \$3.00; 14 lbs., \$7.75.
- Pyrox** (Bowker's). Per lb., 35c.; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$5.00; 50 lbs., \$9.00; 100 lbs., \$16.50; 300 lbs., \$47.85.
- Readeana Rose Bug Exterminator.** Trial bottle, 30c.; 8 ozs., 50c.; 24 ozs., \$1.00; per gal., \$4.00.
- Scalecide.** Per qt., 45c.; gal., \$1.10; 5 gals., \$4.50; 10 gals., \$8.25; 30 gal. bbl., \$18.25; 30-gal. jacketed tin, \$29.50.
- Scale Destroyer** (Soluble Oil). Qt., 35c.; $\frac{1}{2}$ gal., 65c.; gal., \$1.00; 5 gals., \$3.75; 10 gals., \$7.50; 25 gals., \$13.00; 50 gals., \$25.00.
- Shoo Fly.** Per qt., 45c.; per gal., \$1.25.
- Slug Shot.** Per canister, 15c.; 5 lbs., 40c.; 10 lbs., 75c.; 25 lbs., \$1.75; 50 lbs., \$3.50; 100 lbs., \$6.50; full bbl. lots (about 250 lbs.), $\frac{1}{2}$ c. per lb. f. o. b. factory; 6c. f. o. b. Philadelphia.
- Sulphate of Copper.** Per lb., 20c.; per 10 lbs., \$1.75.
- Sulphur** (Flowers). Per lb., 10c.; 5 lbs., 35c.; 25 lbs., \$1.40; 100 lbs., \$4.50.
- Sulphur Candles.** Large: 20c. each; per doz., \$2.00. Small: 10c. each; \$1.00 per dozen.
- Sulpho Tobacco Soap.** Per 3-oz. pkg., 10c.; 8-oz. pkg., 20c.; in 10-lb. cakes, \$2.50 per cake.
- Sulphocide.** Per pt., 50c.; qt., 75c.; gal., \$2.00.
- Tobacco Dust.** Per lb., 10c.; 5 lbs., 25c.; 10 lbs., 45c.; 25 lbs., \$1.00 100 lbs., \$3.50.
- Tobacco Dust** (Special Dusting or Fumigating). 5 lbs., 35c.; 10 lbs., 60c.; 25 lbs., \$1.35; 50 lbs., \$2.00; 100 lbs., \$3.50.
- Thrip Juice** (Hammond's No. 2). Pt., 60c.; qt., \$1.00; gal., \$3.25.
- Tobacco Soap** (Sulpho). 3 ozs., 10c.; 8 ozs., 20c.; 10 lbs., \$2.50.
- Tobacco Stems.** Per lb., 10c.; 5 lbs., 25c.; barrel sacks, \$1.25; large bales at \$2.00 per 100 lbs.
- Tree Tanglefoot.** Per lb., 45c.; 3-lb. cans, \$1.25; 10 lbs., \$4.00; 20 lbs., \$7.50.
- Vaporite.** 1 lb., 15c.; per 5 lbs., 60c.; 10 lbs., \$1.00; 25 lbs., \$2.25; 50 lbs., \$4.25; 100 lbs., \$7.50.
- Vermine.** Not obtainable at present.
- Fish Oil Soap.** Per $\frac{1}{2}$ lb., 15c.; per lb., 25c.; 5 lbs., \$1.00; 25 lbs., \$3.00; 100 lbs., \$9.50.
- Fish Oil Soap** (Good's Caustic). Per lb., 25c.; 5 lbs., \$1.10; 25 lbs., \$4.50.
- Vapor Cones** (Lethorion Nicotine). In 3 sizes: No. 1, 15c. each; doz., \$1.50; No. 2, 25c. each; doz., \$2.50; No. 3, 30c. each; doz., \$3.00.
- Worm Eradicator** (Reade's Electric). Small size, 30c.; 8 ozs., 50c.; 24 ozs., \$1.00; per gal., \$4.00.
- Worm Destroyer** (Michell's Brand). Owing to European complications we are unable to supply this at the present time.
- Worm Destroyer** (Carter's Brand). F. o. b. Philadelphia: per 100 lbs., \$8.00; per 500 lbs., \$33.75; ton, \$130.00. F. o. b. Boston: 100 lbs., \$7.00; ton, \$120.00.
- Zenoleum.** $\frac{1}{2}$ pt., 25c.; qt., 50c.; $\frac{1}{2}$ gal., 90c.; \$1.50 per gal.



CARBONDALE HYDROMETERS

These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime Sulphur solution; one should be in the hands of every man who uses this material. Price, \$1.00. (Postpaid, \$1.10.) With directions.

Lime Sulphur, Modoc Brand (Dry Powder Form). 1 lb., 25c.; 5 lbs., \$1.00; 10 lbs., \$1.50 25 lbs., \$3.00; 50 lbs., \$4.50; 100 lbs., \$6.75.

Nicoticide. 1-oz. bottle, 25c.; 2-oz. bottle, 50c.; $\frac{1}{4}$ pt., 70c.; $\frac{1}{2}$ pt., \$1.25; pt., \$2.50; qt., \$4.50; $\frac{1}{2}$ gal., \$8.25; gal., \$15.00.

Lamps for Nicoticide, 60c. each.

Nikoteen. $\frac{1}{2}$ oz., 15c.; $\frac{1}{4}$ oz., 40c.; $\frac{1}{2}$ pt., 85c.; pt., \$1.50; per gal., \$10.00.

MICHELL'S HIGH GRADE FERTILIZERS

ALL PRICES SUBJECT TO MARKET CHANGES

- Animal Bone and Potash.** Apply 400 to 600 lbs. per acre. 200 lbs., \$5.50; ton, \$42.50.
- Ashes (Canadian Hard Wood).** Apply 1000 lbs. per acre. Per 10 lbs., 40c.; 25 lbs., 70c.; 50 lbs., \$1.15; 100 lbs., \$2.00; 200 lbs., \$3.25; ton, \$27.50.
- Ashes (Domestic Hard Wood).** Not less than 100 lbs. sold. 100 lbs., \$1.50; $\frac{1}{2}$ -ton, \$11.00; ton, \$20.00.
- Acid or Rock Phosphate.** Apply 1000 lbs. per acre. In 200-lb. sacks only, \$3.50; per ton, \$27.50.
- Asparagus Fertilizer (Pure Bone and Potash).** Apply 600 lbs. per acre. 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00; 200 lbs., \$5.50; ton, \$42.50.
- Bon Arbor.** Liquid: gal., \$2.00; 5 gal., \$7.50. Powder: $\frac{1}{2}$ lb., 30c.; per 1 lb., 50c.; \$1.80 per 5 lbs.
- Blood (Dried).** Apply 300 lbs. per acre. 5 lbs., 75c.; 10 lbs., \$1.25; 25 lbs., \$2.25; 50 lbs., \$4.00; 100 lbs., \$7.50; 200 lbs., \$14.00.
- Blood Flour.** Apply 200 lbs. per acre. F. o. b. Philadelphia: 5 lbs., 75c.; 10 lbs., \$1.40; 25 lbs., \$2.75; 50 lbs., \$5.00; 100 lbs., \$9.50.
- Bone Meal (Michell's Special Florists' Brand).** 3 lbs., 25c.; 5 lbs., 35c.; 10 lbs., 60c.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50; 200 lbs., \$6.50; $\frac{1}{2}$ -ton, \$30.00; ton, \$55.00.
- Bone (Coarse Cracked).** Un procurable at present.
- Bone (Coarse Ground).** Apply 600 to 800 lbs. per acre. Un procurable at present.
- Bone Flour (Special Superfine Grade).** 5 lbs., 40c.; 70c. for 10 lbs.; 25 lbs., \$1.25; \$2.00 for 50 lbs.; 100 lbs., \$3.00; 200 lbs., \$5.25; ton, \$45.00.
- Chrysanthemum Manure (Thompson's Special).** 28-lb. sack, \$4.50; 56-lb. sack, \$7.50.
- Climax Lawn Sand.** (See Lawn Sand.)
- Clay's Fertilizer.** 5 lbs., 85c.; 10 lbs., \$1.50; 28 lbs., \$2.75; 56 lbs., \$5.25; 112 lbs., \$10.00.
- Copperas (Sulphate of Iron).** 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25; 200 lbs., \$6.00.
- Cotton Seed Meal.** Apply 600 lbs. per acre. 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.90; 100 lbs., \$3.50; ton, \$56.00.
- Corn Phosphate.** (See Phosphate.)
- Cow or Cattle Manure (Pulverized).** 100 lbs., \$3.00; 500 lbs., \$12.00; ton, \$40.00.
- Cow or Cattle Manure (Shredded).** F. o. b. Philadelphia. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00; 500 lbs., \$12.00; 1000 lbs., \$21.00; ton, \$40.00.
- Dissolved Bone.** Apply 600 to 800 lbs. per acre. Price on application.
- Fish Guano or Dried Fish.** Apply 300 to 400 lbs. per acre. Price on application.
- Farmogerm.** Garden ($\frac{1}{4}$ acre) bottles, 50c.; acre bottle, \$1.50; 5-acre bottle, \$5.00.
- Guano (Peruvian Substitute)** Price quoted on application.
- Horse Manure.** (See Manure.)
- Humus (Alphano) Natural.** F. o. b. factory: 100 lbs., 75c.; 500 lbs., \$3.50; 1000 lbs., \$5.00; ton, \$8.00. F. o. b. Philadelphia; 100 lbs., \$1.10; 500 lbs., \$5.00; 1000 lbs., \$8.50; ton, \$12.00.
- Humus (Alphano) Prepared.** F. o. b. factory: 100 lbs., \$1.10; 500 lbs., \$5.00; 1000 lbs., \$7.50; ton, \$16.00. F. o. b. Philadelphia, 5 lbs., 25c.; 25 lbs., 65c.; 50 lbs., \$1.00; 100 lbs., \$1.35; 500 lbs., \$6.25; 1000 lbs., \$11.00; ton, \$19.50.
- Horn Shavings.** 5 lbs., 40c.; 25 lbs., \$1.75; 50 lbs., \$2.75; 100 lbs., \$5.00.
- Kainit (Potash Salts).** Apply 800 to 1000 lbs. per acre. Stock un procurable at this time.
- Land Plaster.** Apply 1000 to 1500 lbs. per acre. 5 lbs., 25c.; 10 lbs., 35c.; per 25 lbs., 50c.; 50 lbs., 85c.; 100 lbs., \$1.50; 200 lbs., \$2.50; ton, \$20.00.
- Lawn Dressing (Michell's Odorless).** Apply 500 to 600 lbs. per acre. 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25; 200 lbs., \$5.50; ton, \$47.50.
- Lawn Sand (Climax).** $3\frac{1}{2}$ -lb. tin, 50c.; 7 lbs., 95c.; 14 lbs., \$1.50; 28 lbs., \$2.75; 56 lbs., \$4.25; 112 lbs., \$8.00.
- Limestone (Pulverized).** Apply 1 ton per acre. Per 100-lb. bag, \$1.00; 1000 lbs., \$6.00; per ton, \$10.00.
- Lime (Hydrated or Powdered).** 125-lb. sack, \$1.25; 500 lbs., \$5.75; 1000 lbs., \$8.50; per ton, \$16.00.
- Manure, Horse, Cow or Stock Yard.** Prices quoted on request. Carload lots only.
- Mulford's Culture (Bacteria for Legumes).** $\frac{1}{4}$ acre size bottle, 50c.; per acre bottle, \$1.50; 5 acre bottle, \$5.00.
- Mapes Fertilizers.** Prices quoted on application.
- Muriate of Potash.** Stock un procurable at this time.
- Plant Food (Bowker's).** Small pkgs., 15c. each; large pkgs., 25c. each.
- Plant Food (Michell's).** 6-oz. pkgs., 15c.; 50c. for 4 pkgs. (by Express, not prepaid).
- Nitrate of Soda.** Apply 100 to 150 lbs. per acre. 5 lbs., 65c.; 10 lbs., \$1.15; 25 lbs., \$2.00; 50 lbs., \$3.75; 100 lbs., \$7.25; 200 lbs., \$14.00; $\frac{1}{2}$ ton, \$65.00; per ton, \$125.00.
- Phosphate (High Grade Ammoniated).** Apply 500 to 600 lbs. per acre. Price on application.
- Phosphate for Corn (Phosphate and Potash).** Apply 500 to 600 lbs. per acre. Price on application.
- Phosphate (Michell's Hi-Grade Potato).** Apply 400 to 600 lbs. per acre. Price on application.
- Phosphate (Basis Slag).** Apply 600 to 800 lbs. per acre. Price on application.
- Potato Fertilizer.** Apply 400 lbs. per acre. 25 lbs., 90c.; 50 lbs., \$1.40; 100 lbs., \$2.65; 200 lbs., \$5.00; ton, \$40.00.
- Poudrette (Native Guano).** Apply 1000 lbs. per acre. 5 lbs., 25c.; 10 lbs., 40c.; 25 lbs., 60c.; 100 lbs., \$1.75; 200 lbs., \$3.25; 1000 lbs., \$13.00; ton, \$25.00.
- Salt (Agricultural).** Apply 600 to 800 lbs. per acre. 25 lbs., 35c.; 100 lbs., \$1.25; 200 lbs., \$2.00; ton, \$14.00.
- Sheep Manure (Wizard Brand).** Apply 1000 lbs. per acre. 5 lbs., 35c.; 10 lbs., 60c.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00; 500 lbs., \$12.00; 1000 lbs., \$21.00; ton, \$40.00.
- Soot (Imported Scotch).** 10c. per lb.; 5 lbs., 40c.; 25 lbs., \$1.25; 112 lbs., \$4.00.
- Sulphate of Ammonia.** Apply 75 to 100 lbs. per acre. 5 lbs., 70c.; 10 lbs., \$1.35; 25 lbs., \$3.25; 100 lbs., \$10.00.
- Sulphate of Potash.** Stock not procurable at this time.
- Tankage.** 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., 90c.; 50 lbs., \$1.40; 100 lbs., \$2.65; 200 lbs., \$5.00; ton, \$42.50.
- Thompson's Special Flower, Vegetable and Vine Manure.** 15c. per lb.; 5 lbs., 60c.; \$1.10 per 10 lbs., 28 lbs., \$2.00; 56 lbs., \$3.50.
- Wheat Fertilizer.** Apply 500 to 600 lbs. per acre. Price on application.
- Tobacco Stems.** Per lb., 10c.; 25c. per 5 lbs.; barrel sacks, \$1.25; in large bales, at \$2.00 per 100 lbs.
- Wood Ashes.** (See Ashes.)

PLANT TUBS, FLOWER POTS, SAUCERS. ETC.

CEDAR TUBS

Equipped with Strong Iron Hoops



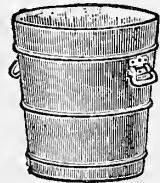
These are made by hand, of the very best white cedar painted green. They will be found very much superior to lower priced cedar tubs.

Cedar Plant Tub

	Outside Diam.	Length of stave	Black Iron Hoop	Parcel Post Weight	Pot	Will fit Tub	Each	Doz.	100	1,000
No. 0.....	.27 in.	24 in.	\$6.50	12...2 lbs.	10 in.	\$0.85	\$9.69			
No. 1.....	.25 "	22 "	5.85	14...2½ lbs.	12 "	No. 8	1.05	11.88		
No. 2.....	.23 "	20 "	5.20	16...3 lbs.	14 "	" 8	1.42	16.15		
No. 3.....	.21 "	18 "	4.55	18...3½ lbs.	16 "	" 7-6	1.67	19.00		
No. 4.....	.19½ "	16 "	3.60			" 5	2.00	22.80		
No. 5.....	.18 "	14 "	3.25			" 4	2.50	28.50		
No. 6.....	.16½ "	13 "	2.60							
No. 7.....	.15 "	12 "	2.30							
No. 8.....	.12 "	10 "	2.00							

Tubs cannot be sent by Parcel Post

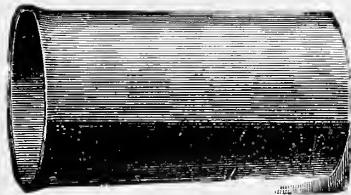
MICHELL'S KEYSTONE PLANT TUBS



Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 10c. per pair. Not attached to tub.

No.	Inside Diam.	Depth	Each	Parcel Post Weight	Each	Doz.	100
6.....	11 inches	10 inches	\$1.00	5 inches... $\frac{3}{4}$ lb.	\$0.21	\$2.40	\$18.90
7.....	12 "	11 "	1.25	6 " ... $\frac{1}{4}$ lb.	.22	2.46	19.44
8.....	13 "	12 "	1.60	7 " ... $\frac{1}{2}$ lb.	.24	2.68	21.15
9.....	14 "	13 "	1.85	8 " ... $\frac{3}{4}$ lb.	.25	2.85	22.50
10.....	15 "	14 "	2.00	9 " ... $\frac{3}{4}$ lb.	.28	3.15	24.75
11.....	16 "	15 "	2.25	10 " ... $\frac{3}{4}$ lb.	.29	3.30	26.10
12.....	17 "	16 "	2.65	12 " ... 1¼ lbs.	.35	4.00	31.50
13.....	18 "	17 "	3.00	14 " ... 1½ lbs.	.45	5.15	40.50
14.....	19 "	18 "	3.80	16 " ... 2 lbs.	.79	9.00	71.10

Tubs cannot be sent by Parcel Post.



WOOD FIBRE FLOWER VASES

No.	Diam.	Depth	Weight	Each	Doz.
0...8	in. 13 in.	4 lbs.	\$1.05	\$11.25	
1...5½"	10 "	2½ lbs.	.95	10.45	
2...4½"	9 "	1½ lbs.	.80	9.15	
3...4	6 "	1½ lbs.	.70	7.60	
4...3	4½ "	¾ lbs.	.55	5.90	
5...9	21 "	6 lbs.	4.00	45.60	
11...5	18 "	4 lbs.	1.15	12.95	
22...4½	15 "	2 lbs.	.95	10.45	
33...4	12 "	2 lbs.	.80	9.15	
44...3	9 "	1 lb.	.70	7.60	

Add for Parcel Post if desired by mail.

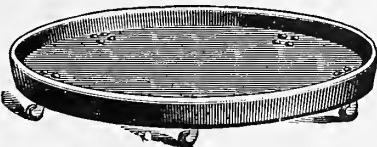
FERN DISH LINERS

These cannot be sent by Parcel Post. Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Depth	Each	Doz.	100
7 in.	1⅞ in.	\$0.12	\$1.18	\$9.00

MICHELL'S SEED CATALOG, 518 Market Street, Phila.

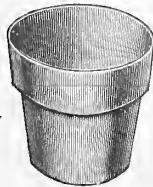
ROLLING STANDS (Wood Fibre)



Ins.	Weight	Pot	Will fit Tub	Each	Doz.
12...2 lbs.	10 in.	\$0.85	\$9.69		
14...2½ lbs.	12 "	No. 8	1.05	11.88	
16...3 lbs.	14 "	" 8	1.42	16.15	
18...3½ lbs.	16 "	" 7-6	1.67	19.00	
20.....		" 5	2.00	22.80	
22.....		" 4	2.50	28.50	

EARTHEN FLOWER POTS

These cannot be sent by Parcel Post.

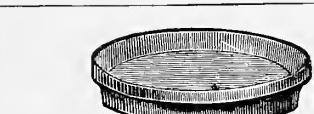


Height and Width Inside	Each	Doz.	100	1,000
1 inch.....	\$0.02	\$0.12	\$0.90	\$8.10
2 ".....	.01	.10	.75	6.75
2½ ".....	.02	.12	.85	7.65
3 ".....	.02	.13	1.00	9.00
3½ ".....	.03	.17	1.30	11.70
4 ".....	.03	.22	1.60	14.40
4½ ".....	.04	.35	2.70	24.30
5 ".....	.05	.48	3.60	32.40
5½ ".....	.06	.59	4.50	40.50
6 ".....	.08	.71	5.40	48.60
6½ ".....	.10	.95	7.20	64.80
7 ".....	.12	1.18	9.00	81.00
8 ".....	.17	1.71	13.00	117.00
9 ".....	.26	2.64	20.00	180.00
10 ".....	.34	3.56	27.00	
11 ".....	.52	5.28	40.00	
12 ".....	.78	7.26	55.00	
14 ".....	1.19	11.88	90.00	

WOOD FIBRE SAUCERS

Extremely desirable on account of being absolutely waterproof.

Parcel Post Weight	Each	Doz.	100
5 inches... $\frac{3}{4}$ lb.	\$0.21	\$2.40	\$18.90
6 " ... $\frac{1}{4}$ lb.	.22	2.46	19.44
7 " ... $\frac{1}{2}$ lb.	.24	2.68	21.15
8 " ... $\frac{3}{4}$ lb.	.25	2.85	22.50
9 " ... $\frac{3}{4}$ lb.	.28	3.15	24.75
10 " ... $\frac{3}{4}$ lb.	.29	3.30	26.10
12 " ... 1¼ lbs.	.35	4.00	31.50
14 " ... 1½ lbs.	.45	5.15	40.50
16 " ... 2 lbs.	.79	9.00	71.10
18 " ... 2½ lbs.	.93	11.05	83.70
20 " ... 3 lbs.	1.40	16.00	126.00



EARTHENWARE SAUCERS

These cannot be sent by Parcel Post.

4 inches.....	Each	Doz.	100
5 ".....	.02	\$0.19	\$1.50
6 ".....	.03	.26	2.00
7 ".....	.04	.39	3.00
8 ".....	.05	.52	4.00
9 ".....	.08	.72	5.50
10 ".....	.09	.99	7.50
11 ".....	.12	1.18	9.00
12 ".....	.14	1.45	11.00
13 ".....	.17	1.78	13.50
14 ".....	.28	2.97	22.50

Fern Liner

EARTHEN FERN PANS

These cannot be sent by Parcel Post.

Width	Height	Each	Doz.	100
4 in.	1⅞ in.	\$0.04	\$0.39	\$3.00
4½ "	2⅛ "	.05	.52	4.00
5½ "	2⅓ "	.07	.66	5.00
6½ "	2⅔ "	.00	.84	6.00
7 "	2⅖ "	.10	.92	7.00
8 "	3⅛ "	.13	1.32	10.00
9 "	3⅓ "	.16	1.58	12.00

Width 7 in. Depth 1⅞ in. Each \$0.12 Doz. 100

SEED PANS (Earthenware)

These cannot be sent by Parcel Post.

Inches Each Doz.

6...\$0.60 \$7.00

8....75 8.00

10....90 9.75

12....1.25 12.00

Seed Pans

Width 4½ in. Height 1⅞ in. Each \$0.05 \$0.48 \$3.60

5 in. 5 "..... .08 .71 5.40

6 "..... .12 1.18 9.00

7 "..... .17 1.71 13.00

8 "..... .26 2.64 20.00

9 "..... .26 3.56 27.00

AZALEA POTS

These cannot be sent by Parcel Post.

Width 4 in. Height 4 in. Each \$0.05 \$0.48 \$3.60

5 in. 5 "..... .08 .71 5.40

6 "..... .12 1.18 9.00

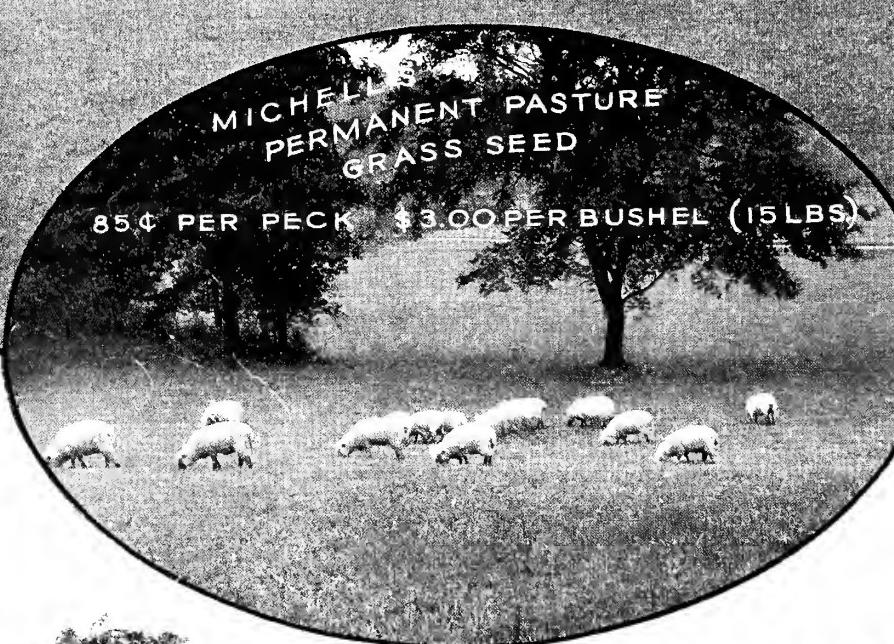
7 "..... .17 1.71 13.00

8 "..... .26 2.64 20.00

9 "..... .26 3.56 27.00

All prices subject to market changes

MICHELL'S GRASS SEEDS FOR ALL PURPOSES

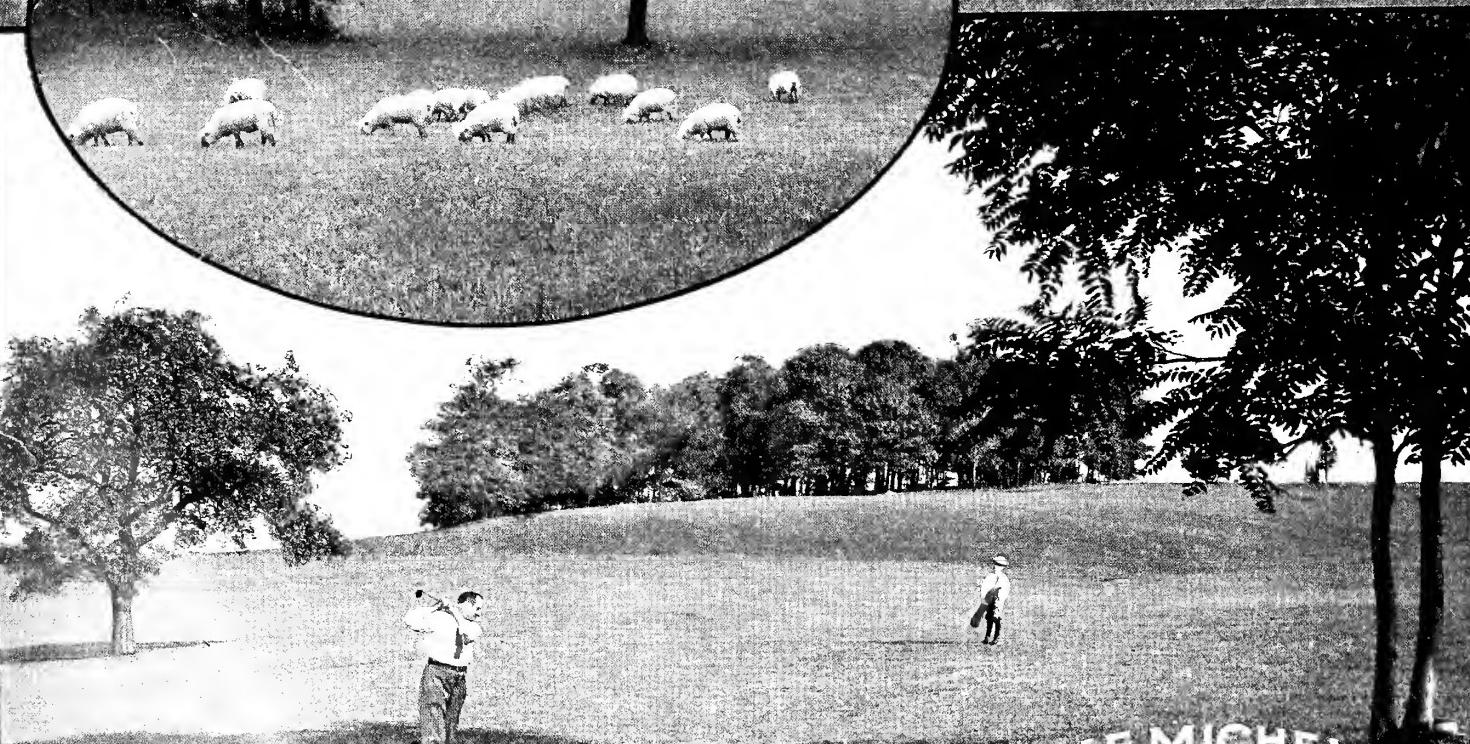


MICHELL'S
PERMANENT PASTURE
GRASS SEED

85¢ PER PECK \$3.00 PER BUSHEL (15 LBS.)

MICHELL'S EVERGREEN
LAWN SEED

\$1.00 PER PECK
\$4.00 PER BUSHEL (20 LBS.)



MICHELL'S SPECIAL FORMULAS
AND SEPARATE VARIETIES OF
GRASS SEED FOR GOLF COURSES
AND BUFFING GREENS

HENRY F. MICHELL CO.
GRASS SEED SPECIALISTS
518 MARKET ST. PHILA.